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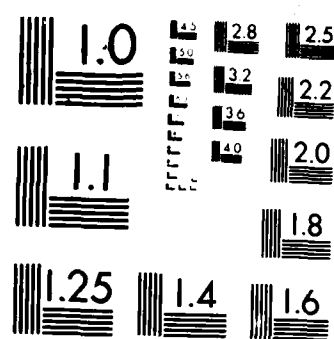
STATION CLIMATIC SUMMARIES USSR AND MONGOLIAN PR(U) AIR
FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT
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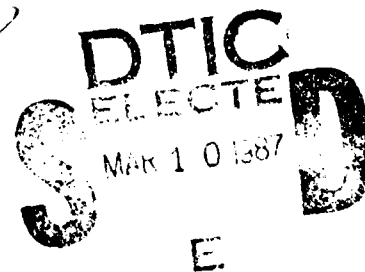


STATION CLIMATIC SUMMARIES
USSR and MONGOLIAN PR

FEBRUARY 1987



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USAF
ENVIRONMENTAL TECHNICAL
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Scott Air Force Base, Illinois, 62225-5438

87 3

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-87/037, *Station Climatic Summaries, USSR and Mongolian PR*, February 1987, is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

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(STINFO)

3 February 1987

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REPORT DOCUMENTATION PAGE

- 1a. Report Security Classification: UNCLASSIFIED
3. Distribution/Availability of Report: Approved for public release; distribution unlimited.
4. Performing Organization Report Number: USAFETAC/DS-87/037
- 6a. Name of Performing Organization: USAFETAC
- 6b. Office Symbol: USAFETAC/ECR
- 6c. Address: Scott AFB, IL 62225-5438
11. Title: Station Climatic Summaries, USSR and Mongolian PR
- 13a. Type of Report: Data Summary
14. Date of Report: February 1987
15. Page Count: 44
16. Supplementary Notation: Supersedes USAFETAC/DS-81/057, AD-A118451
17. COSATI Codes: Field--04, Group--02
18. Subject Terms: *USSR, *MONGOLIAN PR, *METEOROLOGY, *CLIMATOLOGY, *CLIMATE, *WEATHER, *METEOROLOGICAL PHENOMENA, ceiling, visibility, precipitation, surface wind, temperature, relative humidity, dew point, cloud cover, vapor pressure, pressure altitude, thunderstorm, snowfall.
19. Abstract: A collection of summarized monthly and annual climatic data for specific locations in the Union of Soviet Socialist Republics and the Mongolian Peoples Republic. Summarized climatological elements are: percent frequency of occurrence of ceiling and visibility; means, extremes and number of days with specified values of temperature, precipitation, and snowfall; means of relative humidity, vapor pressure, dew point, pressure altitude, and cloud cover; prevailing wind direction, with mean and extreme speeds; and number of days with thunderstorms and fog.
20. Distribution/Availability of Abstract: Same as report
21. Abstract Security Classification: UNCLASSIFIED
- 22a. Name of Responsible Individual: Capt William F. Sjoberg
- 22b. Telephone: 618 256-3465
- 22c. Office Symbol: USAFETAC/ECR

SUMMARY

The "Station Climatic Summary" series (formerly known as the "AWS Climatic Briefs"), is assembled and published by the USAF Environmental Technical Applications Center (USAFETAC). The series comprises regional collections of short climatological data summaries for specific stations worldwide. A typical data set for a given station might consist of an "AWS Climatic Brief" (a one-page form prepared by USAFETAC/OL-A, sometimes with a one-page addendum) or an "AWS Climatic Brief for Limited Duty Stations" (another one-page form, also prepared by USAFETAC/OL-A). An "Operational Climatic Data Summary," normally four pages of climatic data prepared by USAFETAC/ECR, might constitute another data set for certain stations. A two-page "Operational Climatic Data Summary Supplement," also prepared by USAFETAC/ECR, may supplement an AWS Climatic Brief" or an "AWS Climatic Brief for Limited Duty Stations." The data types are explained below. See AWSR 105-10 and USAFETAC Pamphlet 105-3 for more detailed descriptions.

AWS Climatic Brief: A computer-prepared summary of monthly and annual climatic data for stations with a 24-hour, 7-day observing function. OL-A creates a new "brief" whenever it prepares a new RUSSWO (Revised Uniform Summary of Surface Observations) or updates an existing one. New RUSSWOs are prepared whenever an initial 5-year period of record becomes available, and existing RUSSWOs are updated whenever 5 additional years of data are added to the original database.

AWS Climatic Brief for Limited Duty Stations: Also computer-prepared by OL-A for stations that do not have 24-hour, 7-day observing functions. This product differs from the first in that it is prepared along with (and using data from) a LISOCs (Limited Surface Observation Climatic Summary), rather than from a RUSSWO. Like RUSSWOs and their "briefs," new LISOCs (and accompanying "briefs") are prepared whenever there is a 5-year period of record; both are updated when a new 10-year period of record becomes available. But because they are for "limited observing" stations, data is taken only from actual hours of operation. The data might be supplemented, however, by data from other sources (such as earlier periods of record, data from nearby stations, or published data from other sources) that have been combined by a climatologist. "All hours" data are not available in these briefs.

Operational Climatic Data Summary: A four-page typewritten summary of monthly and annual climatic data prepared by USAFETAC/ECR, when the creation of a standard "climatic brief" is impractical because of lack of data (period of record too short for RUSSWO creation, no "summary of day" data available) or to answer a short-notice request. ECR normally uses the latest 10-year period of record (hourly data), more if available. These data are supplemented from other sources such as earlier periods of record, data from contemporary and/or earlier stations, and published data from other sources. All sources are given in the legend. A two-page "Operational Climatic Data Summary Supplement" may follow either of the two preceding data types.

Normally, only one of the three main products above is prepared for a given station; however, when a station has both an "AWS Climatic Brief" and an "Operational Climatic Data Summary," users should decide (from data source and POR) which is the better product for a particular application.

All the above data sets normally include monthly and annual climatic data for at least the following elements: Temperature (means and extremes, daily and monthly); relative humidity, vapor pressure, and dew point; pressure altitude, surface winds, precipitation, and mean cloud cover; thunderstorm and fog occurrence (mean number of days); and flying weather by ceiling and visibility categories.

Address questions or comments to USAFETAC/ECR, Scott AFB, IL 62225-5438, Autovon 576-3465.

Regional collections of climatic summaries are published as USAFETAC "data summaries"--numbered as shown below--for each of eight major geographical areas. Each collection is revised when and as required. When a revision is issued, the "DS" end number remains the same (i.e., North America is 031, Latin America is 032, Europe is 033, and so on); only the year of issue changes. The map shows regional boundaries corresponding to each numbered volume.

USAFETAC/DS-XX/031	North America	USAFETAC/DS-XX/035	Asia
USAFETAC/DS-XX/032	Latin America	USAFETAC/DS-XX/036	Peoples Republic of China*
USAFETAC/DS-XX/033	Europe	USAFETAC/DS-XX/037	USSR and Mongolian Peoples Republic
USAFETAC/DS-XX/034	Africa	USAFETAC/DS-XX/038	Antarctica, Australia, and Oceania

* Initial publication deferred--to be announced

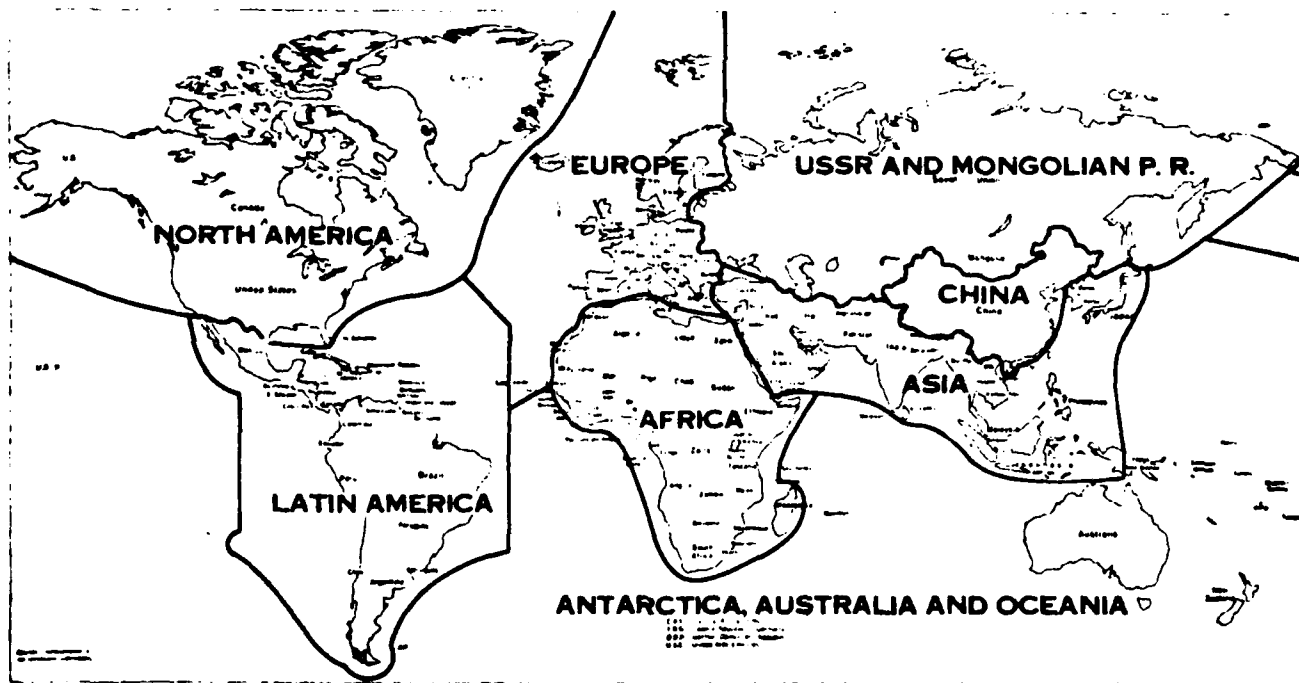


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OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ASTARA, USSR
 LOCATION: 38°27'N, 48°53'E
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 379890
 ELEVATION (FEET): -79
 PERIOD: 7301-8512

ICAO ID: N/A
 LST = GMT +4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1	63	63	66	70	77	86	92	91	86	77	67	67	92
MEAN DLY MAX 1	42	43	48	58	66	75	81	79	74	63	54	48	61
MEAN 1	41	40	45	55	63	71	77	76	71	60	52	44	59
MEAN DLY MIN 1	38	38	43	51	60	67	72	71	66	57	49	42	55
EXTREME MIN 1	28	28	30	39	45	52	61	59	54	45	36	30	28
# DAYS > 90 1	0	0	0	0	0	0	#	#	0	0	0	0	#
# DAYS < 32 1	1	1	#	0	0	0	0	0	0	0	0	#	2
# DAYS < 0 1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (04 LST) 1	85	87	87	89	88	84	76	79	84	89	90	88	85
RH (13 LST) 1	73	79	80	77	71	66	58	66	74	77	79	76	73
VAPOR PRESS 1	.21	.22	.27	.37	.49	.59	.64	.67	.61	.47	.34	.25	.44
DEWPOINT 1	35	35	41	50	57	63	65	66	64	55	47	39	52
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	N	NW	SE	SE	SE	W	W	W	W	W	W	W	W
MEAN SPEED (PVLG DRCTN) 1	5	4	6	6	7	3	3	3	3	3	3	3	3
MEAN SPEED (ALL OBS) 1	4	4	4	4	4	4	4	4	4	4	3	4	4
MAX (PK GST) 1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	30	90	150	150	170	190	230	230	150	110	50	50	230
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	6	6	5	5	3	3	3	4	5	5	5	5
DAYS TSTMS 1	#	0	#	#	1	2	#	#	1	#	#	#	7
DAYS FOG < 7 1	#	2	3	4	#	#	#	#	#	#	#	#	14
DAYS BNBD < 7 1	#	0	#	#	#	#	#	#	0	#	#	0	2
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM > PVLG DRCTN
 ¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	51	63	70	63	53	43	26	38	53	73	67	59	55
03-05 LST	53	65	64	59	64	52	39	46	55	68	66	66	58
06-08 LST	53	68	60	58	52	34	32	37	42	61	64	68	52
09-11 LST	49	68	65	50	52	37	27	32	45	60	51	51	49
12-14 LST	53	59	62	53	52	24	20	29	51	52	60	53	47
15-17 LST	57	70	68	53	57	38	25	27	54	59	67	57	53
18-20 LST	59	71	69	58	65	46	22	32	61	68	69	63	57
21-23 LST	52	66	69	57	56	45	40	47	60	66	68	64	58
ALL HOURS	53	66	66	56	56	40	29	36	53	63	64	60	54

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	26	36	36	29	22	11	16	14	18	45	43	38	28
03-05 LST	28	38	35	31	28	17	23	22	24	39	40	41	31
06-08 LST	29	37	28	16	16	3	3	5	8	20	39	42	21
09-11 LST	31	29	29	19	12	3	2	5	14	17	25	18	17
12-14 LST	22	29	23	13	8	2	2	2	12	12	24	19	14
15-17 LST	28	36	26	12	5	3	2	3	9	15	20	22	15
18-20 LST	33	36	25	12	3	3	2	5	11	29	33	38	17
21-23 LST	31	30	29	23	15	21	21	20	19	43	41	39	28
ALL HOURS	29	34	29	19	14	8	9	10	14	28	33	32	21

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	6	6	2	1	0	0	1	2	2	3	3
03-05 LST	5	10	4	10	1	2	2	1	2	1	3	1	4
06-08 LST	4	9	4	8	3	1	1	2	0	1	2	4	3
09-11 LST	12	8	9	11	5	1	2	4	2	1	3	1	5
12-14 LST	7	7	7	7	2	1	1	0	1	2	3	1	3
15-17 LST	8	6	8	6	2	2	1	0	1	1	4	1	3
18-20 LST	10	8	5	5	0	3	2	1	2	0	1	2	3
21-23 LST	6	5	5	7	1	5	2	2	2	2	4	1	4
ALL HOURS	7	8	6	8	2	2	1	1	1	1	3	2	4

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	6	6	2	1	0	0	1	2	1	2	3
03-05 LST	5	9	3	8	1	0	1	0	1	1	2	1	3
06-08 LST	3	7	4	8	3	1	1	1	0	1	2	3	3
09-11 LST	9	6	9	10	4	1	2	1	1	1	3	1	4
12-14 LST	6	6	6	7	1	1	0	0	1	1	2	1	3
15-17 LST	6	5	7	6	2	1	0	0	1	1	3	1	3
18-20 LST	9	7	4	5	0	3	2	0	1	0	1	2	3
21-23 LST	5	5	5	7	1	4	1	0	2	1	2	1	3
ALL HOURS	6	7	6	7	2	2	1	#	1	1	2	2	3

ECR-DLS-3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ASTARA, USSR
 LOCATION: 38°27'N, 48°53'E
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 379890
 ELEVATION (FEET): -79
 PERIOD: 7301-8512

ICAO ID: N/A
 LST = GMT +4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	1	2	0	0	1	1	0	0	1
03-05 LST	0	0	0	1	1	1	0	0	0	0	0	0	#
06-08 LST	0	0	0	0	1	1	0	1	1	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	1	0	1	0	0	0	0	0	#
15-17 LST	1	0	1	0	2	2	0	0	0	1	0	0	1
18-20 LST	0	0	0	1	1	0	0	0	1	0	1	0	#
21-23 LST	0	0	1	1	1	3	0	2	2	0	0	1	1
ALL HOURS	#	0	#	1	1	1	#	#	1	#	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	12	13	12	8	2	0	4	12	24	25	18	11
03-05 LST	7	15	14	9	9	5	3	10	20	18	27	22	13
06-08 LST	10	14	13	9	13	4	2	10	15	19	27	20	13
09-11 LST	11	16	16	7	9	4	2	5	17	21	22	18	12
12-14 LST	9	14	13	7	9	4	2	6	15	13	20	19	11
15-17 LST	14	20	14	4	5	6	4	3	8	18	13	19	11
18-20 LST	10	16	16	10	6	3	0	4	13	26	19	14	11
21-23 LST	10	9	16	10	10	4	4	7	18	25	21	14	12
ALL HOURS	10	15	14	9	9	4	2	6	15	21	22	18	12

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	7	3	0	0	0	0	0	0	0	0	1	2
03-05 LST	7	3	4	1	0	0	0	0	0	0	0	2	1
06-08 LST	11	7	3	0	0	0	0	0	0	0	0	0	2
09-11 LST	10	8	3	1	0	0	0	0	0	0	0	0	2
12-14 LST	5	10	3	0	0	0	0	0	0	0	2	0	2
15-17 LST	7	8	4	0	0	0	0	0	0	0	0	1	2
18-20 LST	9	7	3	1	0	0	0	0	0	0	0	1	2
21-23 LST	10	8	3	0	0	0	0	0	0	0	1	1	2
ALL HOURS	8	7	3	#	0	0	0	0	0	0	#	1	2

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	0	1	3	1	0	0	0	0	0	0	0	1
03-05 LST	0	0	0	0	0	0	1	0	0	1	0	0	#
06-08 LST	2	0	0	0	0	0	0	0	1	1	0	0	#
09-11 LST	1	1	0	0	0	0	0	0	0	1	1	2	1
12-14 LST	0	0	0	0	0	0	0	0	1	0	1	0	#
15-17 LST	0	0	1	1	1	1	0	0	1	1	2	2	1
18-20 LST	2	0	0	0	0	1	0	0	2	2	0	0	1
21-23 LST	0	0	1	0	0	0	0	0	0	0	0	0	#
ALL HOURS	1	#	#	1	#	#	#	0	1	1	1	1	1

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	6	6	2	1	0	0	1	2	2	3	3
03-05 LST	5	10	4	8	1	2	2	1	2	1	3	1	3
06-08 LST	4	9	4	8	3	1	1	2	0	1	2	4	3
09-11 LST	12	8	9	10	5	1	2	4	2	1	3	1	5
12-14 LST	7	7	7	7	2	1	1	0	1	2	3	1	3
15-17 LST	8	6	8	6	2	2	1	0	1	1	4	1	3
18-20 LST	10	8	5	5	0	3	2	1	2	0	1	2	3
21-23 LST	6	5	5	7	1	5	2	1	2	2	4	1	3
ALL HOURS	7	8	6	7	2	2	1	1	1	1	3	2	3

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	6	6	2	1	0	0	1	2	2	2	3
03-05 LST	5	10	4	8	1	2	1	1	2	1	3	1	3
06-08 LST	4	9	4	8	3	1	1	2	0	1	2	4	3
09-11 LST	12	8	9	10	5	1	2	3	1	1	3	1	5
12-14 LST	7	7	7	7	2	1	1	0	1	2	2	1	3
15-17 LST	8	6	8	6	2	2	1	0	1	1	4	1	3
18-20 LST	9	7	5	5	0	3	2	1	1	0	1	2	3
21-23 LST	6	5	5	7	1	4	1	1	2	2	2	1	3
ALL HOURS	7	7	6	7	2	2	1	1	1	1	2	2	3

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	6	6	2	1	0	0	1	2	1	2	3
03-05 LST	5	10	4	8	1	1	1	1	1	1	2	1	3
06-08 LST	3	7	4	8	3	1	1	1	0	1	2	3	3
09-11 LST	9	8	9	10	4	1	2	2	1	1	3	1	4
12-14 LST	7	6	6	7	2	1	1	0	1	1	2	1	3
15-17 LST	6	6	7	6	2	1	1	0	1	1	4	1	3
18-20 LST	9	7	5	5	0	3	2	1	1	0	1	2	3
21-23 LST	5	5	5	7	1	4	1	1	2	2	2	1	3
ALL HOURS	6	6	6	7	2	2	1	1	1	1	2	2	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	1	2	1	1	0	0	1	1	1	2	1
03-05 LST	2	5	1	2	0	0	0	0	1	1	2	0	1
06-08 LST	2	5	2	3	1	1	1	1	0	1	2	2	2
09-11 LST	2	4	4	3	2	0	1	1	0	1	2	1	2
12-14 LST	2	2	1	2	1	1	0	0	1	0	1	0	1
15-17 LST	2	2	1	1	1	0	0	0	0	1	0	1	1
18-20 LST	4	2	1	2	0	3	2	0	1	0	0	1	1
21-23 LST	1	2	3	1	1	1	0	0	2	1	2	1	1
ALL HOURS	2	3	2	2	1	1	1	#	1	1	1	1	1

ECR-DLS-3a

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CHITA, USSR
 LOCATION: 52°01'N, 113°20'E
 PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 307580
 ELEVATION (FEET): 2247
 PERIOD: VARIED

ICAO ID: UIAA
 LST = GMT +9

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	32	45	64	84	93	97	100	106	82	72	50	36	106
MEAN DLY MAX	2	-3	9	27	46	61	74	79	73	61	43	18	0	41
MEAN	2	-15	-6	12	33	47	60	67	61	49	32	8	-10	28
MEAN DLY MIN	2	-27	-20	-3	20	33	46	54	49	36	20	-3	-20	15
EXTREME MIN	2	-56	-51	-42	-18	9	23	36	27	12	-20	-42	-54	-56
# DAYS > 90	2	0	0	0	0	#	1	1	1	0	0	0	0	3
# DAYS < 32	1	31	28	30	27	10	#	0	#	7	28	30	31	223
# DAYS >= 0	1	29	26	13	1	0	0	0	0	0	2	13	25	109
2. PRECIPITATION (INCHES)														
MAXIMUM	2	0.4	0.4	1.4	1.5	2.8	6.2	9.1	7.8	4.5	1.7	1.3	0.4	40.5
MEAN	2	0.1	0.1	0.2	0.4	.9	1.7	3.6	3.7	1.6	0.5	0.3	0.4	13.5
MINIMUM	2	0	0	0	0	0	0.5	0.5	0.9	#	0	0	0	1.9
MAX 24 HR	2	0.4	0.3	0.9	0.9	1.3	1.7	2.0	4.1	1.3	0.7	0.5	0.2	4.1
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (09 LST)	1	78	78	73	59	54	63	77	81	78	73	77	79	72
RH (18 LST)	1	71	60	44	35	32	37	48	49	42	43	62	74	50
VAPOR PRESS	1	.02	.03	.05	.09	.15	.29	.41	.37	.32	.10	.06	.03	.15
DEWPOINT	1	-18	-12	2	14	26	42	52	49	35	15	3	-11	16
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$SW	\$W	\$W	WNW	WNW	\$W	\$NNE	\$W	\$W	\$W	\$W	\$SW	\$W
MEAN SPEED														
(PVLG DRCTN)	1	8	8	8	13	13	8	8	8	9	9	9	9	9
MEAN SPEED														
(ALL OBS)	1	3	4	6	9	9	7	6	6	6	6	6	4	6
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	2	2450	2600	2700	2950	3050	3000	2950	2950	2750	2700	2600	2600	3050
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	4	5	5	5	6	5	5	4	4	4	4
DAYS TSTMS	2	0	0	0	#	#	7	11	6	1	0	0	0	25
DAYS FOG < 7	2	9	3	#	#	1	1	4	6	5	1	2	8	40
DAYS BNBD < 7		*	*	*	*	*	*	*	*	*	*	*	*	*
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS
 APPLICABLE \$ = % CALM > PVLG DRCN
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84, 3 HRLY
 2. NATIONAL INTELLIGENCE SURVEY, POR 18-64 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	57	42	10	6	7	4	8	6	4	11	31	51	20
03-05 LST	58	42	11	9	9	6	11	8	6	12	33	51	21
06-08 LST	60	48	15	11	11	8	18	19	13	13	33	50	25
09-11 LST	61	49	18	11	10	9	22	27	14	12	27	51	26
12-14 LST	61	48	16	10	12	7	15	12	9	12	27	49	23
15-17 LST	50	32	9	6	8	5	10	7	6	9	22	41	17
18-20 LST	47	25	4	5	6	4	7	5	4	6	22	46	15
21-23 LST	56	40	9	7	6	4	4	5	7	14	33	53	20
ALL HOURS	56	41	11	8	8	6	12	11	8	11	29	49	21

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	57	42	10	6	5	2	3	3	1	11	31	51	18
03-05 LST	58	42	11	7	6	4	7	4	5	11	32	50	20
06-08 LST	60	48	15	9	9	5	13	16	9	12	32	50	23
09-11 LST	61	49	18	9	8	5	15	22	11	11	26	51	24
12-14 LST	61	48	16	8	8	3	8	4	6	11	27	48	21
15-17 LST	50	32	8	4	5	2	5	2	2	8	22	41	15
18-20 LST	47	25	4	4	4	2	4	4	2	5	22	46	14
21-23 LST	56	40	8	7	4	2	1	3	2	13	32	53	18
ALL HOURS	56	41	11	7	6	3	7	7	5	10	28	49	19

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	11	3	3	2	1	#	1	1	3	6	24	7
03-05 LST	29	17	2	4	2	2	3	3	2	4	8	19	8
06-08 LST	27	20	5	6	3	3	8	9	5	2	9	21	10
09-11 LST	36	28	7	5	2	2	8	16	8	6	10	27	13
12-14 LST	28	13	3	3	3	1	3	1	4	4	9	20	8
15-17 LST	9	3	2	2	2	1	2	1	1	3	3	6	3
18-20 LST	13	3	2	2	2	1	2	1	1	2	4	17	4
21-23 LST	25	11	1	2	1	1	0	2	0	3	5	23	6
ALL HOURS	24	13	3	3	2	1	3	4	3	3	7	20	7

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	1	1	#	1	#	#	1	1	#	2	1
03-05 LST	5	6	1	1	#	1	1	0	1	2	2	1	2
06-08 LST	3	5	#	1	2	1	2	4	3	1	2	3	2
09-11 LST	4	6	3	1	1	#	1	5	5	3	2	5	3
12-14 LST	4	1	#	1	1	#	1	0	1	2	1	4	1
15-17 LST	1	#	#	0	0	#	0	0	1	2	2	#	#
18-20 LST	1	#	1	1	#	0	#	0	#	1	2	1	1
21-23 LST	1	1	0	0	#	#	0	#	0	2	1	#	1
ALL HOURS	2	3	1	1	1	#	1	1	2	2	2	2	1

ECR-MNF-7

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: CHITA, USSR
LOCATION: 52°01'N, 113°20'E
PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 307580
ELEVATION (FEET): 2247
PERIOD: VARIED

ICAO ID: UIAA
LST = GMT +9

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	4	3	0	0	0	0	1
03-05 LST	0	0	0	0	0	0	3	1	0	0	0	0	#
06-08 LST	0	0	0	#	0	#	#	1	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	#	1	0	0	0	0	#
12-14 LST	0	0	0	0	0	#	#	#	0	0	0	0	#
15-17 LST	0	0	0	0	#	2	4	1	#	0	0	0	1
18-20 LST	0	0	0	0	1	4	10	7	#	0	0	0	2
21-23 LST	0	0	0	0	0	2	7	4	#	0	0	0	1
ALL HOURS	0	0	0	#	#	1	4	2	#	0	0	0	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	3	9	11	12	5	1	#	0	4
03-05 LST	0	0	0	1	3	5	11	7	6	0	0	0	3
06-08 LST	#	0	#	1	3	8	8	11	7	1	0	0	3
09-11 LST	0	0	0	0	4	6	10	11	6	1	0	#	3
12-14 LST	0	0	#	1	6	7	9	8	5	0	0	0	3
15-17 LST	0	0	1	2	6	9	10	12	6	1	1	0	4
18-20 LST	0	#	1	1	5	11	10	13	6	1	#	0	4
21-23 LST	0	0	0	1	4	7	13	8	7	1	#	#	3
ALL HOURS	#	#	#	1	4	8	10	10	6	1	#	#	3

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	3	4	1	0	0	0	0	1	4	4	2
03-05 LST	4	5	4	3	2	0	0	0	0	3	5	5	3
06-08 LST	4	4	5	5	3	0	0	0	#	3	7	6	3
09-11 LST	3	6	5	6	3	0	0	#	#	3	3	5	3
12-14 LST	4	5	4	5	3	0	0	0	#	2	4	8	3
15-17 LST	4	4	3	6	3	0	0	0	0	3	4	5	3
18-20 LST	5	4	4	4	3	0	0	0	0	2	2	3	2
21-23 LST	3	3	2	5	1	#	#	0	0	3	3	4	2
ALL HOURS	4	4	4	5	2	#	#	#	#	2	4	5	2

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	1	#	0	0	1	#	0	#	#
03-05 LST	1	0	#	#	1	0	0	0	0	#	0	0	#
06-08 LST	0	0	0	1	0	#	0	0	#	#	#	0	#
09-11 LST	0	0	#	1	1	0	0	#	#	1	0	0	#
12-14 LST	0	#	1	1	2	0	#	0	#	#	#	#	1
15-17 LST	#	#	1	3	3	#	0	#	1	#	#	#	1
18-20 LST	0	#	1	3	3	1	1	0	#	1	1	0	1
21-23 LST	1	0	0	1	1	0	#	0	1	1	1	0	#
ALL HOURS	#	#	#	1	1	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84 (3 HRLY)
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	11	3	3	2	1	#	1	1	2	6	24	7
03-05 LST	29	17	2	4	2	1	3	2	2	4	7	19	8
06-08 LST	27	20	5	6	3	3	7	9	5	2	9	20	10
09-11 LST	36	28	7	5	2	2	7	16	8	6	10	27	13
12-14 LST	28	13	3	3	2	1	2	1	3	4	9	20	7
15-17 LST	9	3	2	2	1	1	1	1	1	3	3	6	3
18-20 LST	13	3	2	2	2	1	2	1	1	2	4	17	4
21-23 LST	25	11	1	2	1	1	0	1	0	3	5	23	6
ALL HOURS	24	13	3	3	2	1	3	4	2	3	7	20	7

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	11	3	3	2	1	#	1	1	2	6	24	7
03-05 LST	29	17	2	4	2	1	2	2	2	3	7	19	8
06-08 LST	27	19	5	6	3	2	5	7	4	2	8	20	9
09-11 LST	36	28	7	5	2	1	4	12	7	6	9	27	12
12-14 LST	28	13	3	3	2	1	1	0	2	4	9	20	7
15-17 LST	9	3	2	2	1	1	1	#	1	3	3	6	3
18-20 LST	13	3	2	2	2	0	1	1	1	2	4	17	4
21-23 LST	25	11	1	2	1	#	0	1	0	3	5	23	6
ALL HOURS	24	13	3	3	2	1	2	3	2	3	6	20	7

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	1	1	1	1	#	#	1	1	1	4	1
03-05 LST	6	7	1	1	1	1	1	#	1	2	3	2	2
06-08 LST	5	6	2	2	2	1	3	4	3	1	3	5	3
09-11 LST	12	11	4	3	1	#	2	7	6	4	4	9	5
12-14 LST	9	3	1	2	1	1	1	0	1	2	2	7	3
15-17 LST	1	1	1	1	#	1	0	0	1	2	2	1	1
18-20 LST	2	1	1	1	1	0	1	#	1	2	2	3	1
21-23 LST	1	1	0	#	1	#	0	#	0	2	1	2	1
ALL HOURS	5	4	1	1	1	1	1	2	2	2	2	4	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	#	1	#	#	#	#	1	1	#	2	1
03-05 LST	2	4	1	#	#	#	1	0	1	2	2	1	1
06-08 LST	2	4	#	#	1	1	1	2	1	1	2	1	1
09-11 LST	2	3	2	1	1	#	1	3	5	3	2	2	2
12-14 LST	2	#	#	1	1	#	1	0	1	1	1	2	1
15-17 LST	#	0	#	0	0	#	0	0	1	1	2	0	#
18-20 LST	1	#	1	1	0	0	#	0	#	1	2	0	1
21-23 LST	1	1	0	0	#	0	0	#	0	2	1	#	#
ALL HOURS	1	1	1	#	#	#	#	1	1	2	1	1	1

ECR-MNF-7a

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DZUL'FA, USSR
 LOCATION: 38°57'N, 45°38'W
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 379470
 ELEVATION (FEET): 2336
 PERIOD: 7301-8512

ICAO ID: N/A
 LST - GMT +4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1	33	38	52	64	71	81	87	86	80	65	50	39	63
MEAN 1	31	35	47	59	67	76	83	82	75	59	46	35	59
MEAN DLY MIN 1	27	31	41	53	62	71	78	77	68	54	42	33	54
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS < 32	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS < 0	*	*	*	*	*	*	*	*	*	*	*	*	*
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (07 LST) 1	82	76	75	76	70	59	47	48	62	71	83	81	67
RH (13 LST) 1	65	59	45	43	39	34	31	33	36	43	52	65	44
VAPOR PRESS 1	.13	.14	.18	.27	.34	.39	.43	.42	.38	.27	.21	.15	.28
DEWPOINT 1	22	23	29	41	47	51	54	53	50	40	34	27	40
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$NW	\$NW	\$E	\$E	\$E	E	E	E	\$E	\$E	\$E	\$NW	\$E
MEAN SPEED (PVLG DRCTN) 1	9	10	11	10	11	13	13	15	11	11	9	8	13
MEAN SPEED (ALL OBS) 1	4	4	4	4	5	7	11	12	6	3	2	2	6
MAX (PK GST) 1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	2340	2360	2420	2500	2620	2620	2660	2700	2540	2440	2360	2320	2700
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	4	4	4	4	2	1	1	1	2	3	4	3
DAYS TSTMS 1	0	0	#	2	5	3	1	1	2	0	0	#	14
DAYS FOG < 7 1	2	2	1	#	#	#	#	#	0	#	#	2	9
DAYS BNBD < 7 1	0	#	#	0	#	#	0	0	#	0	0	0	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM > PVLG DRCTN
 ¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV PORJAN 73 - DEC 85
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	25	25	12	6	8	2	2	2	1	6	15	24	11
12-14 LST	19	15	17	13	8	1	1	1	0	5	5	15	8
15-17 LST	9	14	12	10	11	7	1	3	2	7	6	18	8
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	21	13	8	1	3	1	0	1	1	1	9	18	6
12-14 LST	18	10	7	3	1	1	1	1	0	0	3	9	5
15-17 LST	6	8	6	2	1	4	1	1	1	1	0	12	4
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	17	3	4	0	3	1	0	1	1	0	6	12	4
12-14 LST	6	3	1	0	1	1	1	0	0	0	0	4	1
15-17 LST	1	3	2	0	0	1	1	1	1	1	0	4	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	0	0	0	2	1	0	0	1	0	1	2	1
12-14 LST	0	0	0	0	1	0	0	0	0	0	0	3	#
15-17 LST	0	0	2	0	0	1	0	0	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-DLS-4

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DZUL'FA, USSR
 LOCATION: 38°57'N, 45°38'E
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 379470
 ELEVATION (FEET): 2336
 PERIOD: 7301-8512

ICAO ID: N/A
 LST = GMT +4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	1	0	0	0	0	1	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	3	9	6	1	1	1	0	0	0	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	2	0	3	4	4	1	1	1	1	2	4	4	2
12-14 LST	1	1	2	7	1	1	1	0	2	2	1	0	2
15-17 LST	1	2	6	7	9	10	1	1	1	1	0	3	4
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	7	9	2	0	0	0	0	0	0	0	1	5	2
12-14 LST	3	4	1	0	0	0	0	0	0	0	0	1	1
15-17 LST	2	6	2	0	0	0	0	0	0	0	0	2	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	1	2	0	0	0	3	0	3	0	0	0	1
12-14 LST	0	0	1	0	2	0	2	4	2	0	0	3	1
15-17 LST	0	1	2	1	1	5	6	13	6	1	0	0	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 ☐ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	16	3	4	0	3	1	0	1	1	0	6	12	4
12-14 LST	6	3	1	0	1	1	1	0	0	0	0	4	1
15-17 LST	1	3	2	0	0	1	1	1	1	1	0	4	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	16	3	3	0	3	1	0	1	1	0	6	11	4
12-14 LST	6	3	1	0	1	1	1	0	0	0	0	4	1
15-17 LST	1	3	2	0	0	1	1	1	1	1	0	3	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	1	1	0	2	1	0	0	1	0	2	4	1
12-14 LST	0	1	1	0	1	0	1	0	0	0	0	3	1
15-17 LST	0	1	2	0	0	1	0	0	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	0	0	0	2	1	0	0	1	0	1	1	1
12-14 LST	0	0	0	0	1	0	0	0	0	0	0	1	#
15-17 LST	0	0	2	0	0	1	0	0	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-DLS-4a

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KAPUSTIN YAR, USSR
 LOCATION: 48°35'N, 45°43'E
 PREPARED BY USAFETAC/ECR MAY 1986

STATION #: 345710
 ELEVATION (FEET): 30
 PERIOD: VARIED

ICAO ID:
 LST - GMT +4

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	52	55	70	90	99	104	106	111	97	86	68	52	111
MEAN DLY MAX	2	21	22	35	58	74	82	87	85	73	56	39	27	55
MEAN	1	13	17	30	51	63	70	75	73	60	46	35	21	47
MEAN DLY MIN	2	7	8	19	37	50	59	64	60	49	36	26	15	36
EXTREME MIN	2	-31	-33	-24	-8	23	36	45	37	25	10	-18	-33	-33
# DAYS > 90	1	0	0	0	#	1	4	11	10	1	0	0	0	27
# DAYS > 32	1	30	26	25	5	#	0	0	0	1	6	17	30	140
# DAYS > 0	1	10	8	1	#	0	0	0	0	0	0	1	3	23
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.7	1.3	0.7	0.9	1.1	0.8	0.7	1.2	0.4	0.9	1.2	1.6	12.3
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS	1	15	15	14	8	9	14	12	10	9	13	17	19	155
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS	1	11	10	9	1	0	0	#	0	#	2	5	15	53
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (07 LST)	1	82	82	86	78	66	64	62	62	74	85	89	87	77
RH (16 LST)	1	76	77	70	38	33	34	30	31	36	51	74	82	53
VAPOR PRESS	1	.08	.10	.14	.22	.28	.36	.40	.37	.29	.22	.18	.11	.23
DEWPOINT	1	19	22	26	35	41	48	51	48	41	36	31	22	37
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	NE	E	ESE	ESE	SE	NNE	NNE	NE	NW	SE	E	ESE	ESE
MEAN SPEED														
(PVLG DRCTN)	1	9	9	10	9	8	8	8	7	7	9	6	9	8
MEAN SPEED														
(ALL OBS)	1	8	8	9	8	8	7	7	7	6	8	7	8	8
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	600	700	700	600	500	350	650	500	250	500	500	500	700
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	4	4	4	3	4	4	5	6	6	5
DAYS TSTMS	1	#	#	0	1	2	5	5	3	1	#	#	0	17
DAYS FOG <7	1	15	16	18	9	2	1	2	1	6	14	18	17	119
DAYS BNBD <7	1	0	0	0	1	1	0	#	#	#	#	#	0	2
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS
 APPLICABLE \$ = % CALM > PVLG DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 66-AUG 73, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	48	42	9	4	1	2	3	4	21	38	48	20
03-05 LST	29	51	41	14	6	3	3	3	6	25	44	52	22
06-08 LST	33	46	53	30	9	7	7	6	20	35	43	47	28
09-11 LST	40	51	55	15	6	2	4	5	13	35	55	62	29
12-14 LST	38	50	43	12	5	5	2	3	8	16	44	46	21
15-17 LST	36	52	39	8	4	5	1	3	3	16	35	47	21
18-20 LST	36	48	44	8	5	2	#	0	5	16	36	49	20
21-23 LST	34	49	42	6	2	2	1	2	3	15	31	48	18
ALL HOURS	35	49	45	13	5	3	3	3	8	2	41	50	22

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	48	42	8	4	1	2	3	4	21	38	48	20
03-05 LST	29	51	41	13	6	3	3	3	6	25	44	52	21
06-08 LST	33	45	53	29	9	5	7	6	20	35	43	47	28
09-11 LST	40	51	55	15	5	2	2	5	13	34	55	62	29
12-14 LST	38	50	43	11	5	3	1	3	8	16	44	46	21
15-17 LST	36	52	39	8	4	3	1	2	3	15	35	47	20
18-20 LST	35	48	44	7	4	2	#	0	5	15	36	48	20
21-23 LST	34	49	42	6	2	2	1	2	3	15	31	48	18
ALL HOURS	35	49	45	12	5	3	3	3	8	22	41	50	22

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	17	15	3	1	#	0	1	1	4	12	11	6
03-05 LST	10	23	12	4	2	#	1	1	1	5	15	14	7
06-08 LST	13	19	19	3	2	0	1	1	4	6	17	18	9
09-11 LST	17	20	20	1	1	0	0	0	1	4	21	26	9
12-14 LST	12	17	10	1	2	0	1	1	1	3	10	13	5
15-17 LST	6	15	10	1	0	1	0	0	1	3	7	13	5
18-20 LST	7	14	12	#	1	1	0	0	1	1	6	15	4
21-23 LST	12	16	12	1	#	0	#	1	0	1	8	15	5
ALL HOURS	11	18	14	2	1	#	#	#	1	3	12	16	6

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	5	#	1	#	0	0	1	1	5	6	2
03-05 LST	4	8	3	1	#	#	#	1	1	3	6	7	3
06-08 LST	5	9	7	1	0	0	#	1	2	3	10	8	4
09-11 LST	5	4	6	0	1	0	0	0	0	2	11	11	3
12-14 LST	2	6	1	1	1	0	1	0	1	0	4	5	2
15-17 LST	1	3	1	0	0	0	0	0	1	0	4	8	1
18-20 LST	2	4	4	0	0	1	0	0	0	0	3	8	2
21-23 LST	3	7	4	0	#	0	#	1	0	1	3	9	2
ALL HOURS	3	6	4	#	#	#	#	#	1	1	6	8	2

ECR-JWL-6

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: KAPUSTIN YAR, USSR
 LOCATION: 48°35'N, 45°43'E
 PREPARED BY USAFETAC/ECR MAY 1986

STATION #: 345710
 ELEVATION (FEET): 30
 PERIOD: JAN 66 - AUG 73

ICAO ID:
 LST = GMT +4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	0	0	1	1	1	0	0	0	0	0	#
03-05 LST	0	0	0	0	0	0	1	1	1	0	0	0	#
06-08 LST	0	0	0	0	0	0	1	1	0	0	0	0	#
09-11 LST	0	0	0	0	1	1	0	0	0	0	1	0	#
12-14 LST	0	0	0	0	0	1	1	0	0	0	0	0	#
15-17 LST	0	0	0	1	1	11	3	0	0	1	0	0	1
18-20 LST	0	0	0	0	1	2	2	2	2	0	0	0	1
21-23 LST	1	1	0	1	0	2	1	2	0	0	0	0	1
ALL HOURS	#	#	0	#	#	2	1	1	#	#	#	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	4	3	6	2	3	4	4	8	11	4	5
03-05 LST	1	5	5	3	6	4	3	3	4	5	11	5	5
06-08 LST	1	2	5	5	5	3	3	1	2	4	7	4	4
09-11 LST	1	5	6	4	6	4	3	2	6	7	11	5	5
12-14 LST	1	1	3	6	3	6	2	3	2	4	7	4	4
15-17 LST	2	3	4	5	7	11	4	4	3	5	9	4	5
18-20 LST	1	3	6	4	5	10	4	3	3	8	10	7	5
21-23 LST	1	1	3	4	2	5	4	5	6	7	9	4	5
ALL HOURS	1	3	5	4	5	5	3	3	4	6	9	5	5

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	15	9	0	0	0	0	0	0	0	3	14	4
03-05 LST	12	13	8	0	0	0	0	0	0	2	2	21	5
06-08 LST	11	12	4	0	0	0	0	0	0	1	2	21	4
09-11 LST	14	17	11	1	0	0	0	0	0	1	7	23	6
12-14 LST	12	15	7	1	0	0	0	0	2	2	5	15	5
15-17 LST	11	11	7	1	0	0	0	0	0	2	6	15	4
18-20 LST	10	8	7	1	0	0	1	0	1	1	1	11	3
21-23 LST	11	10	7	1	0	0	0	0	0	1	2	12	4
ALL HOURS	12	13	7	#	0	0	#	0	#	1	3	17	4

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	1	1	0	0	1	0	1	1	0	1
03-05 LST	0	1	1	1	1	1	1	1	1	1	1	0	1
06-08 LST	0	1	2	0	1	0	1	0	1	1	0	1	#
09-11 LST	0	0	1	1	0	0	1	1	0	0	0	1	#
12-14 LST	0	0	0	1	1	0	0	0	1	1	1	1	1
15-17 LST	1	0	1	1	1	0	1	0	0	0	1	0	#
18-20 LST	0	1	1	0	1	1	2	0	1	0	1	0	1
21-23 LST	0	0	3	1	2	1	1	1	0	1	0	0	1
ALL HOURS	#	#	1	1	1	#	1	#	#	1	1	#	1

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 66-AUG 73, THREE HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	17	15	3	1	#	0	1	1	4	12	11	6
03-05 LST	10	23	12	4	2	#	1	1	1	5	15	14	7
06-08 LST	13	19	19	3	2	0	1	1	4	6	17	18	9
09-11 LST	17	20	20	1	1	0	0	0	1	4	21	26	9
12-14 LST	12	17	10	1	2	0	1	1	1	3	10	13	5
15-17 LST	6	15	10	1	0	1	0	0	1	3	7	13	5
18-20 LST	7	14	12	#	1	1	0	0	1	1	6	15	4
21-23 LST	12	16	12	1	#	0	#	1	0	1	8	15	5
ALL HOURS	11	18	14	2	1	#	#	#	1	3	12	16	6

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	14	12	2	1	#	0	1	1	4	10	11	5
03-05 LST	10	19	10	4	2	#	1	1	1	5	15	14	6
06-08 LST	12	19	17	3	2	0	1	1	4	6	17	18	8
09-11 LST	16	15	18	1	1	0	0	0	1	4	21	26	9
12-14 LST	12	12	7	1	2	0	1	1	1	3	10	13	5
15-17 LST	6	11	8	1	0	1	0	0	1	3	7	13	4
18-20 LST	6	9	11	#	1	1	0	0	1	1	6	15	4
21-23 LST	11	13	10	1	#	0	#	1	0	1	7	14	5
ALL HOURS	10	14	12	2	1	#	#	#	1	3	12	15	6

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	8	5	#	1	#	0	0	1	1	6	6	3
03-05 LST	5	10	3	1	1	#	#	1	1	3	7	8	3
06-08 LST	6	11	8	1	0	0	#	1	2	3	12	9	4
09-11 LST	8	7	8	0	1	0	0	0	1	2	12	12	4
12-14 LST	4	9	2	1	1	0	1	0	1	1	5	5	2
15-17 LST	2	5	2	1	0	0	0	0	1	1	5	9	2
18-20 LST	2	5	4	#	0	1	0	0	0	0	3	10	2
21-23 LST	4	9	5	#	#	0	#	1	0	1	3	9	3
ALL HOURS	5	8	5	1	1	#	#	#	1	1	7	9	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	3	0	#	#	0	0	1	1	2	2	1
03-05 LST	2	5	2	0	0	#	#	1	1	1	2	4	1
06-08 LST	2	3	3	1	0	0	#	1	1	2	3	5	2
09-11 LST	2	2	3	0	0	0	0	0	0	2	4	7	2
12-14 LST	1	1	0	0	1	0	1	0	0	0	1	2	#
15-17 LST	0	1	0	0	0	0	0	0	1	0	1	4	#
18-20 LST	1	2	1	0	0	1	0	0	0	0	2	5	1
21-23 LST	#	2	3	0	0	0	0	1	0	1	2	6	1
ALL HOURS	1	2	2	#	#	#	#	#	#	1	2	4	1

ECR-JWL-6a

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KAUNAS, USSR
LOCATION: 54°53'N, 23°53'E
PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 266290
ELEVATION (FEET): 246
PERIOD: VARIED

ICAO ID:
LST = GMT +3

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	46	47	70	78	91	89	95	96	84	75	63	52	96
MEAN DLY MAX	2	26	29	37	50	64	70	72	70	62	51	38	29	50
MEAN	2	22	24	31	43	54	61	63	61	54	45	35	26	43
MEAN DLY MIN	2	18	19	25	35	44	51	53	52	45	39	31	22	36
EXTREME MIN	2	-23	-21	-11	15	23	32	40	32	27	18	-6	-18	-23
# DAYS > 90	2	0	0	0	0	#	0	#	1	0	0	0	0	1
# DAYS > 32	2	23	20	10	#	#	#	0	#	#	#	7	19	79
# DAYS > 0	2	3	3	1	0	0	0	0	0	0	0	0	1	8
2. PRECIPITATION (INCHES)														
MAXIMUM	2	2.0	2.6	2.6	3.6	6.3	6.2	8.6	9.5	4.3	4.7	4.3	3.3	33.5
MEAN	2	1.1	1.2	1.2	1.6	2.2	2.8	3.4	3.6	2.1	1.9	1.7	1.4	24.1
MINIMUM	2	.3	.2	.2	.2	.4	.3	.7	.8	.3	.2	.3	.1	.1
MAX 24 HR	2	.9	.9	.8	1.1	3.0	1.9	3.0	2.8	1.8	1.3	.9	1.0	3.0
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (09 LST)	1	88	89	87	83	75	77	83	87	89	91	90	89	85
RH (18 LST)	1	85	78	69	58	52	57	63	58	65	76	85	87	69
VAPOR PRESS		*	*	*	*	*	*	*	*	*	*	*	*	*
DEWPOINT	1	21	20	26	33	43	50	54	53	47	39	33	25	37
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	W	SE	SSE	W	W	W	W	W	W	W	W	W	W
MEAN SPEED														
(PVLG DRCTN)	1	11	9	9	8	7	7	7	6	7	8	9	10	8
MEAN SPEED														
(ALL OBS)	1	9	8	8	7	7	6	6	5	7	8	9	9	7
MAX (PK GST)	2	27	31	31	35	19	27	27	27	29	39	23	31	39
PRESSURE ALT	1	1400	1250	1100	900	800	800	1000	1000	900	1000	1150	1300	1400
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	7	6	6	6	5	6	6	5	5	6	7	7	6
DAYS TSTMS	2	0	#	#	2	4	6	7	6	2	#	0	0	27
DAYS FOG < 7	1	24	23	23	20	17	14	19	19	20	24	23	23	250
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 φ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - OCT 84, 3 HRLY
 2. NATIONAL INTELLIGENCE SURVEY, POR 10-68 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	76	69	57	43	26	27	29	27	43	61	73	82	51
03-05 LST	76	72	57	43	29	31	34	35	50	64	80	84	54
06-08 LST	78	78	65	51	33	33	42	42	57	67	80	86	59
09-11 LST	83	77	70	48	34	36	39	35	57	76	85	89	60
12-14 LST	79	69	60	46	41	46	50	37	51	66	83	82	59
15-17 LST	70	61	50	54	50	53	58	44	43	60	75	80	58
18-20 LST	71	62	46	41	37	40	40	33	34	50	77	79	51
21-23 LST	74	64	54	35	29	30	34	24	41	58	76	83	50
ALL HOURS	76	69	57	45	35	37	41	35	47	63	79	83	55

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	68	59	50	31	14	16	17	15	32	46	59	70	40
03-05 LST	65	63	51	33	19	30	22	22	38	51	65	73	43
06-08 LST	67	68	58	39	25	25	32	31	48	56	67	75	49
09-11 LST	74	71	64	40	22	24	28	31	49	68	72	81	52
12-14 LST	70	65	49	24	14	14	13	12	27	49	69	74	40
15-17 LST	61	52	37	18	12	10	13	8	15	38	56	67	32
18-20 LST	62	51	32	15	10	10	11	8	17	36	58	67	31
21-23 LST	62	55	44	24	10	11	12	10	29	44	59	70	36
ALL HOURS	66	60	48	28	16	16	19	17	32	49	63	72	40

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	42	40	30	14	6	5	7	7	18	30	42	52	24
03-05 LST	45	41	34	17	9	11	10	11	22	31	47	54	28
06-08 LST	50	47	41	23	16	13	18	17	31	39	48	58	33
09-11 LST	57	56	45	26	12	10	11	14	33	43	55	60	35
12-14 LST	48	47	33	11	4	4	4	4	11	29	48	56	25
15-17 LST	37	35	22	5	3	4	4	2	7	19	35	47	18
18-20 LST	40	31	20	8	4	4	3	2	7	17	37	46	18
21-23 LST	40	37	30	11	4	3	4	4	11	24	42	52	22
ALL HOURS	45	42	32	14	7	7	7	8	18	29	44	53	25

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	5	5	1	1	0	#	1	1	4	7	7	3
03-05 LST	4	5	8	2	1	2	1	1	2	4	9	6	4
06-08 LST	6	5	8	4	4	1	2	3	5	6	8	7	5
09-11 LST	5	7	12	3	#	#	1	2	4	8	9	5	5
12-14 LST	4	5	4	1	#	#	0	0	0	3	7	8	3
15-17 LST	3	2	3	0	0	0	1	0	0	2	4	7	2
18-20 LST	3	3	4	0	#	#	#	0	#	2	5	7	2
21-23 LST	3	6	5	1	#	#	#	0	#	2	9	7	3
ALL HOURS	4	5	6	2	1	#	1	1	1	4	7	7	3

ECR-MNF-9

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: KAUNAS, USSR
 LOCATION: 54°53'N, 23°53'E
 PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 266290
 ELEVATION (FEET): 246
 PERIOD: VARIED

ICAO ID:
 LST = GMT +3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	2	1	#	1	0	0	0	0	#
03-05 LST	0	0	0	0	#	#	1	2	0	0	0	0	#
06-08 LST	0	0	#	#	0	#	0	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	#	#	0	0	0	0	#
12-14 LST	0	0	0	0	0	#	1	0	0	0	0	0	#
15-17 LST	0	#	0	#	1	2	2	1	#	0	0	0	1
18-20 LST	0	0	0	#	2	3	3	2	1	#	0	0	1
21-23 LST	0	0	0	#	2	3	3	2	#	#	0	0	1
ALL HOURS	0	#	#	#	1	1	1	1	#	#	0	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	11	11	8	9	7	7	8	12	15	17	10
03-05 LST	9	6	12	11	9	7	8	8	7	14	16	16	9
06-08 LST	8	7	9	10	8	7	7	8	7	15	12	13	9
09-11 LST	8	5	10	9	8	10	6	7	8	14	14	14	9
12-14 LST	7	5	8	11	9	13	9	6	4	12	15	10	9
15-17 LST	7	4	8	11	7	9	13	9	7	13	17	15	10
18-20 LST	8	6	9	11	6	11	12	5	11	12	17	18	10
21-23 LST	8	6	9	15	8	10	8	6	10	13	16	17	10
ALL HOURS	8	6	10	11	8	9	9	7	8	13	15	15	10

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	12	8	3	0	0	0	0	0	1	6	18	6
03-05 LST	21	13	10	4	1	0	0	0	0	1	5	17	6
06-08 LST	23	14	10	4	#	0	0	0	0	1	8	18	6
09-11 LST	20	17	11	4	1	0	0	0	#	1	7	18	5
12-14 LST	21	17	9	3	#	0	0	0	#	#	8	13	6
15-17 LST	17	10	7	4	#	0	0	0	0	#	5	14	5
18-20 LST	17	12	7	3	#	0	0	0	0	#	7	11	5
21-23 LST	20	14	9	1	0	#	0	0	0	0	5	12	5
ALL HOURS	20	13	9	3	#	#	0	0	#	#	6	15	5

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	0	0	#	#	0	0	0	1	1	#
03-05 LST	1	0	1	0	0	0	0	0	0	0	#	2	#
06-08 LST	#	#	0	0	0	0	0	0	0	0	#	#	#
09-11 LST	#	0	0	0	0	0	0	#	1	#	1	0	#
12-14 LST	1	#	0	1	0	0	0	1	0	#	1	#	#
15-17 LST	1	#	0	1	#	#	#	0	0	#	#	1	#
18-20 LST	1	1	0	0	#	0	0	0	0	#	#	1	#
21-23 LST	0	1	0	0	0	1	#	0	0	1	#	#	#
ALL HOURS	1	#	#	#	#	#	#	#	#	#	#	1	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 ☐ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - OCT 84, 3 HRLY
 2. NATIONAL INTELLIGENCE SURVEY, POR 10-68 YRS
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	37	28	13	5	5	7	6	16	27	38	47	22
03-05 LST	40	36	31	15	7	10	9	9	21	29	41	49	25
06-08 LST	45	43	38	21	14	12	16	14	29	35	44	51	30
09-11 LST	52	52	45	24	11	9	8	13	31	39	52	55	32
12-14 LST	46	45	31	10	3	4	3	3	10	26	45	52	23
15-17 LST	34	32	21	5	3	3	4	1	6	17	33	44	17
18-20 LST	36	29	19	7	2	3	2	2	7	17	35	42	17
21-23 LST	36	33	29	10	4	2	4	4	11	22	37	46	20
ALL HOURS	41	38	30	13	6	6	7	7	17	27	41	48	23

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	23	17	7	2	3	1	2	5	14	25	32	13
03-05 LST	23	27	19	9	4	5	3	5	10	15	26	31	15
06-08 LST	27	27	22	14	10	6	7	8	15	22	27	31	18
09-11 LST	27	32	31	13	4	2	3	5	18	25	33	33	19
12-14 LST	29	28	19	6	1	1	1	1	4	16	27	33	14
15-17 LST	20	17	13	2	1	1	1	1	2	8	19	28	9
18-20 LST	20	20	14	2	1	2	1	1	3	8	24	28	10
21-23 LST	21	19	17	4	1	1	1	1	6	10	25	30	11
ALL HOURS	24	24	19	7	3	3	2	3	8	15	26	31	14

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	13	11	4	1	1	1	1	1	8	15	17	7
03-05 LST	12	16	14	5	2	3	1	4	4	9	16	16	8
06-08 LST	13	14	15	9	6	3	4	4	8	13	17	18	10
09-11 LST	12	20	21	8	2	1	1	4	11	16	16	18	11
12-14 LST	15	15	14	3	1	#	0	0	#	7	16	20	8
15-17 LST	10	9	9	#	0	0	1	#	1	3	10	17	5
18-20 LST	11	10	9	1	1	1	1	#	2	4	13	19	6
21-23 LST	11	12	9	3	1	1	#	0	2	6	15	20	7
ALL HOURS	12	13	13	4	2	1	1	2	4	8	15	18	8

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	1	0	0	#	0	#	2	3	4	1
03-05 LST	2	2	4	1	0	1	0	1	1	2	5	2	2
06-08 LST	3	2	4	2	3	1	1	2	3	3	4	3	3
09-11 LST	2	3	7	2	0	#	1	1	3	5	4	1	2
12-14 LST	2	2	2	#	#	#	0	0	0	1	2	4	1
15-17 LST	#	1	1	0	0	0	0	0	0	1	2	3	1
18-20 LST	1	1	2	0	0	0	0	0	0	1	3	3	1
21-23 LST	1	2	2	0	0	0	0	0	0	1	4	4	1
ALL HOURS	2	2	3	1	#	#	#	1	1	2	3	3	2

ECR-MNF-9a

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KAZALINSK, USSR
 LOCATION: 45°46'N, 62°07'E
 PREPARED BY USAFETAC/ECR JUN 1986

STATION #: 358490
 ELEVATION (FEET): 223
 PERIOD: VARIED

ICAO ID:
 LST = GMT +5

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	52	70	81	95	104	109	111	109	100	90	75	55	111
MEAN DLY MAX	2	20	23	39	62	78	87	91	88	76	59	40	26	57
MEAN	1	13	14	30	54	67	77	83	76	64	46	33	21	49
MEAN DLY MIN	2	5	7	20	39	53	62	65	62	49	36	23	12	36
EXTREME MIN	2	-40	-29	-24	10	27	39	48	45	25	7	-29	-27	-40
# DAYS > 90	2	0	0	0	#	6	13	21	16	3	0	0	0	59
# DAYS < 32	2	24	20	7	0	0	0	0	0	0	#	7	21	79
# DAYS < 0	2	8	7	1	0	0	0	0	0	0	0	1	7	24
2. PRECIPITATION (INCHES)														
MAXIMUM	2	1.1	0.9	2.0	1.4	1.7	0.9	1.8	3.3	0.9	1.3	0.9	0.7	8.4
MEAN	2	0.4	0.4	0.5	0.4	0.5	0.4	0.3	0.3	0.3	0.5	0.5	0.5	5.0
MINIMUM	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	#	0.1	2.5
MAX 24 HR	2	0.8	0.8	0.6	0.7	1.3	0.8	0.6	1.0	0.9	0.6	0.9	0.6	1.3
# DAYS > 0.004	2	8	5	4	4	3	3	2	2	2	4	4	6	47
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS	2	10	9	7	#	0	0	0	#	1	5	8	41	
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (05 LST)	1	78	76	80	70	61	59	56	56	64	73	81	78	69
RH (17 LST)	1	72	65	56	35	27	23	22	23	29	46	61	69	44
VAPOR PRESS	1	.08	.08	.13	.21	.27	.35	.41	.35	.27	.19	.15	.10	.22
DEWPOINT	1	17	17	23	34	40	47	52	47	40	32	25	20	35
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$NE	\$NE	\$NE	\$NE	\$NE	\$NW	\$NW	\$NE	\$NE	\$NE	\$E	\$E	\$NE
MEAN SPEED														
(PVLG DRCTN)	1	6	7	7	7	6	6	6	5	4	5	6	7	6
MEAN SPEED														
(ALL OBS)	1	5	6	6	6	5	4	4	4	4	4	4	5	5
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	1150	1250	1250	1300	1300	1400	1650	1500	1250	1100	850	1050	1650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	3	2	2	1	2	3	4	4	3
DAYS TSTMS	1	0	0	#	1	1	1	1	1	#	1	0	0	6
DAYS FOG < 7	1	6	4	3	#	#	#	0	#	#	1	3	6	24
DAYS BNBD < 7	1	0	#	0	#	0	#	0	#	#	0	#	#	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	26	17	13	8	3	1	2	1	2	11	19	28	11
03-05 LST	25	18	16	7	5	4	1	1	3	12	21	26	12
06-08 LST	28	21	19	10	4	4	3	1	4	13	20	30	14
09-11 LST	27	19	14	10	4	3	2	1	3	11	22	28	12
12-14 LST	22	14	9	12	6	4	2	3	3	13	22	27	11
15-17 LST	23	15	10	10	7	4	2	2	3	11	23	28	11
18-20 LST	21	14	10	7	4	1	1	1	2	8	18	27	10
21-23 LST	24	14	12	7	2	2	2	2	2	11	20	30	11
ALL HOURS	24	16	13	9	4	3	2	2	3	11	21	28	11

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	13	6	4	1	1	1	1	1	4	9	17	6
03-05 LST	17	12	9	3	2	2	1	1	2	5	11	16	7
06-08 LST	19	14	11	3	2	2	1	0	3	6	11	17	8
09-11 LST	18	11	6	3	2	1	1	1	2	4	10	17	6
12-14 LST	15	6	3	4	2	2	1	1	2	4	8	15	5
15-17 LST	15	7	4	3	2	1	2	#	2	4	8	14	5
18-20 LST	14	7	4	2	2	1	1	#	1	3	8	14	5
21-23 LST	17	9	6	3	#	1	#	1	1	4	10	17	6
ALL HOURS	17	10	6	3	2	1	1	1	2	4	9	16	6

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	3	2	1	#	1	1	1	3	4	10	4
03-05 LST	11	7	6	1	1	2	#	#	1	3	6	9	4
06-08 LST	10	10	7	1	#	1	1	0	2	5	7	9	5
09-11 LST	8	6	3	2	1	1	1	1	1	1	6	8	3
12-14 LST	6	2	1	2	1	1	1	1	1	1	4	4	2
15-17 LST	5	3	2	1	1	1	1	#	1	2	5	4	2
18-20 LST	5	5	3	1	#	1	1	#	1	1	4	8	3
21-23 LST	10	5	3	1	0	1	#	1	1	1	6	10	3
ALL HOURS	8	5	3	1	1	1	1	1	1	2	5	8	3

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	6	3	1	0	0	1	#	1	2	4	9	3
03-05 LST	7	5	5	1	1	1	0	0	1	2	4	8	3
06-08 LST	9	9	7	1	0	#	1	0	2	4	5	7	4
09-11 LST	6	4	2	1	#	0	#	#	#	#	4	8	2
12-14 LST	4	1	1	1	1	#	1	#	#	#	2	4	1
15-17 LST	3	2	1	1	1	#	#	#	1	1	3	3	1
18-20 LST	3	3	2	#	#	0	1	#	0	1	3	7	2
21-23 LST	7	4	1	1	0	1	#	#	0	1	5	8	2
ALL HOURS	6	4	2	1	#	#	#	#	#	1	4	7	2

ECR-JWL-12

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: KAZALINSK, USSR
 LOCATION: 45°46'N, 62°07'E
 PREPARED BY USAFETAC/ECR JUN 1986

STATION #: 358490
 ELEVATION (FEET): 223
 PERIOD: JAN 73 - DEC 85

ICAO ID:
 LST = GMT +5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	0	1	#	0	0	0	0	0	#
03-05 LST	0	0	0	#	#	1	1	1	0	0	0	0	#
06-08 LST	0	0	0	0	0	1	1	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	#	#	0	1	0	0	0	#
12-14 LST	0	0	0	0	#	1	1	#	0	0	0	0	#
15-17 LST	0	0	#	#	0	#	0	#	0	0	0	0	#
18-20 LST	0	0	#	0	#	0	0	0	0	#	0	0	#
21-23 LST	0	0	0	0	#	#	1	#	0	#	0	0	#
ALL HOURS	0	0	#	#	#	#	#	#	#	#	0	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	4	1	1	#	1	2	4	5	2	2
03-05 LST	1	1	2	4	2	1	1	1	1	3	4	2	2
06-08 LST	#	1	3	4	3	2	1	2	1	3	3	1	2
09-11 LST	0	2	2	3	2	1	1	1	1	4	3	2	2
12-14 LST	0	1	2	4	4	1	1	2	2	4	5	3	2
15-17 LST	1	1	1	3	3	2	1	1	#	5	6	2	2
18-20 LST	1	1	1	2	2	1	1	1	2	5	6	1	2
21-23 LST	1	1	1	5	1	#	1	1	2	5	5	1	2
ALL HOURS	1	1	2	4	2	1	1	1	1	4	5	2	2

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	4	3	0	0	0	0	0	0	1	2	5	2
03-05 LST	4	3	3	0	0	0	0	0	0	1	3	5	2
06-08 LST	6	7	4	0	0	0	0	0	0	0	2	6	2
09-11 LST	11	7	2	#	0	0	0	0	#	1	3	8	3
12-14 LST	7	5	1	0	0	0	0	0	0	1	2	6	2
15-17 LST	7	5	3	0	0	0	0	0	#	1	1	7	2
18-20 LST	6	4	3	0	0	0	0	0	0	1	1	6	2
21-23 LST	6	3	4	0	0	0	0	0	0	1	1	6	2
ALL HOURS	7	5	3	#	0	0	0	0	#	1	2	6	2

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	2	0	0	#	0	0	1	0	#	#
03-05 LST	1	1	1	1	1	1	0	0	0	0	1	1	1
06-08 LST	1	1	0	1	#	0	0	#	#	#	0	0	#
09-11 LST	#	1	1	1	1	#	0	#	0	1	0	0	#
12-14 LST	2	#	1	1	1	0	#	0	1	0	#	1	1
15-17 LST	1	0	2	1	#	1	#	#	#	0	1	#	1
18-20 LST	1	1	#	#	#	1	0	0	0	1	#	0	#
21-23 LST	1	0	1	1	0	1	#	0	0	0	#	0	#
ALL HOURS	1	#	1	1	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 ~ DEC 85, THREE HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	3	2	1	#	1	1	1	3	4	10	4
03-05 LST	11	7	6	1	1	2	#	#	1	3	6	9	4
06-08 LST	10	10	7	1	#	1	1	0	2	5	7	9	5
09-11 LST	8	6	3	2	1	1	1	1	1	1	6	8	3
12-14 LST	6	2	1	2	1	1	1	1	1	1	4	4	2
15-17 LST	5	3	2	1	1	1	1	#	1	2	5	4	2
18-20 LST	5	5	3	1	#	1	1	#	1	1	4	8	3
21-23 LST	10	5	3	1	0	1	#	1	1	1	6	10	3
ALL HOURS	8	5	3	1	1	1	1	1	1	2	5	8	3

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	7	3	1	1	#	1	1	1	3	4	10	3
03-05 LST	10	6	6	1	1	1	0	#	1	3	6	9	4
06-08 LST	10	10	7	1	0	1	1	0	2	5	7	8	5
09-11 LST	8	5	3	2	1	#	1	#	1	1	5	8	3
12-14 LST	6	2	1	2	1	1	1	#	1	1	3	4	2
15-17 LST	5	3	2	1	1	#	1	#	1	2	4	4	2
18-20 LST	5	5	3	1	#	1	1	#	1	1	4	8	2
21-23 LST	10	5	3	1	0	1	#	#	1	1	6	10	3
ALL HOURS	8	5	3	1	1	1	1	#	1	2	5	8	3

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	6	3	1	1	#	1	#	1	3	4	10	3
03-05 LST	8	6	6	1	1	1	0	#	1	3	5	8	3
06-08 LST	9	9	7	1	0	1	1	0	2	5	7	8	4
09-11 LST	6	5	3	2	1	0	#	#	1	#	5	8	2
12-14 LST	5	1	1	2	1	1	1	#	1	1	3	4	2
15-17 LST	3	3	2	1	1	#	1	#	1	1	4	3	2
18-20 LST	4	3	3	1	#	0	1	#	1	#	4	8	2
21-23 LST	8	5	2	1	0	1	#	#	1	#	5	9	3
ALL HOURS	6	5	3	1	1	1	1	#	1	2	4	7	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	#	0	0	1	#	0	1	2	4	1
03-05 LST	2	1	3	1	#	1	0	0	1	1	3	3	1
06-08 LST	2	3	3	#	0	#	1	0	1	2	1	1	1
09-11 LST	1	#	2	#	#	0	#	#	#	#	1	3	1
12-14 LST	1	1	1	1	1	0	1	#	#	#	1	2	1
15-17 LST	1	1	1	0	1	#	0	#	#	1	2	2	1
18-20 LST	#	2	1	#	0	0	1	#	0	1	1	3	1
21-23 LST	3	2	1	0	0	#	0	#	0	#	3	4	1
ALL HOURS	1	1	2	#	#	#	#	#	#	1	2	3	1

ECR-JWL12a

PREPARED BY USAFETAC JUNE 1976				STATION NAME Leningrad Town/USSR LOCATION N 59° 58' E 30° 18'				PERIOD JAN 59-DEC 68 ELEV 13				STN LTRS BULL WBAN NO 26063																	
AWS CLIMATIC BRIEF																													
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				RELATIVE HUMIDITY (%)				SURFACE WINDS				MEAN NUMBER OF DAYS OCCURRENCE OF												
	MEAN				MONTHLY				MONTHLY				MEAN				PRECIP				SNOW DEPTH				TEMPERATURE				
	MAX	MIN	THLY	EXTREME	MAX	MIN	THLY	EXTREME	MAX	MIN	THLY	EXTREME	MAX	MIN	THLY	EXTREME	MAX	MIN	THLY	EXTREME	MAX	MIN	THLY	EXTREME	MAX	MIN	THLY	EXTREME	
JAN	26	9	14	1	2.6	1.1	1.3	*	0.4	* 19	* 87	45	11	1150	W	9	13	8	19	0	10	15	0	14	0	0	29	11	
FEB	24	10	16	19	3.5	0.9	1.2	*	0.4	* 39	* 87	81	11	1100	W	9	15	8	15	8	22	23	0	14	0	0	29	11	
MAR	34	19	24	55	2.4	1.2	1.2	*	0.4	* 39	* 86	71	20	1350	W	9	23	3	23	0	25	22	0	14	0	0	29	11	
APR	44	21	32	75	0.4	1.4	3.1	*	0.8	* 20	* 87	63	31	800	W	8	23	6	11	1	8	3	0	14	0	0	20	5	
MAY	60	43	51	82	2.1	2.4	2.2	*	0.5	* 2	* 85	55	41	700	W	7	27	6	11	1	0	0	3	10	0	1	4	0	
JUN	68	53	60	80	2.8	2.3	4.0	*	1.4	* 0	* 85	55	48	600	W	6	23	6	11	2	0	0	0	5	13	0	3	0	
JUL	73	52	61	84	1.6	2.9	5.1	*	1.5	* 0	* 91	59	53	750	W	7	23	6	13	2	0	0	0	6	16	0	2	0	
AUG	78	56	66	84	3.4	2.8	4.3	*	1.5	* 0	* 93	63	53	650	W	7	27	6	14	2	0	0	0	5	17	0	2	0	
SEP	64	44	54	84	2.5	1.9	3.6	*	0.7	* 0	* 93	69	47	900	W	7	23	6	13	1	0	0	0	2	18	0	2	0	
OCT	47	17	31	68	1.2	2.5	4.7	*	1.2	* 4	* 90	78	38	950	S	3	24	4	16	2	1	0	0	0	17	0	0	10	
NOV	33	1	17	54	1.2	1.3	1.7	*	0.6	* 10	* 90	85	27	1000	S	8	29	4	16	1	8	0	0	0	18	0	0	21	1
DEC	23	10	16	40	2.2	2.2	2.8	*	0.8	* 20	* 88	87	19	1100	S	9	22	4	20	1	26	7	0	0	20	0	0	24	3
ANN	44	32	22	74	2.2	2.1	5.1	*	1.5	* 32	* 89	71	19	950	W	8	25	7	22	12	26	7	2	20	5	9	11	28	
ETR	24	10	16	70	1.0	1.0	1.0	*	2.0	* 10	* 10	10	19	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	
REMARKS: 1. SUMMARY FROM SYNOPSIS 3 HRLY OBS: JAN 59-DEC 68.																													
2. EXTREME VALUES FROM OLD AND NEW "N" SUMMARIES PER: 1949-58; 1959-68.																													
3. MAX SNOW DEPTH INSTEAD OF SNOW FALL.																													
4. DUE TO CODING PRACTICES, THICK HAZE MAY BE INCLUDED.																													
NOTE: 1. DATA AND ANALYSIS. 2. AMTS. 3. UNITS SHOWN IN HEADINGS. 4. INSTANTANEOUS PEAK WINDS. 5. CALM DUTY & PLUG DUTY. 6. BASED ON FULL MONTHS.																													
LOWEST CLOUD HEIGHT LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 5/8 MI																													
MEAN OF LISTED HRS																													
LOWEST CLOUD HEIGHT LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 5/8 MI																													
MEAN OF LISTED HRS																													
LOWEST CLOUD HEIGHT LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 5/8 MI																													
MEAN OF LISTED HRS																													

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LVOV, USSR
 LOCATION: 49°49'N, 23°57'E
 PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 333930
 ELEVATION (FEET): 1066
 PERIOD: 7301-8412

ICAO ID: UKLL
 LST = GMT +3

SOURCE		NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)															
EXTREME MAX	1	54	55	71	75	84	84	86	91	84	75	61	52	91	
MEAN DLY MAX	2	30	33	41	53	66	70	74	73	65	55	41	33	53	
MEAN	1	26	27	36	45	56	60	62	62	56	46	36	29	45	
MEAN DLY MIN	2	21	23	30	39	49	55	58	57	50	43	32	25	40	
EXTREME MIN	2	-19	-28	-6	18	28	29	42	40	30	10	-6	-8	-28	
# DAYS > 90	1	0	0	0	0	0	0	0	#	0	0	0	0	#	
# DAYS ≥ 32	1	28	25	20	6	1	#	0	0	#	6	18	25	129	
# DAYS ≤ 0	1	1	1	#	0	0	0	0	0	0	0	#	#	2	
2. PRECIPITATION (INCHES)															
MAXIMUM	2	3.1	3.6	4.3	5.0	6.8	7.2	10.7	8.3	7.7	5.1	4.2	4.0	36.9	
MEAN	2	1.3	1.3	1.7	1.8	2.5	3.6	4.3	3.2	2.2	2.0	1.7	1.4	27.0	
MINIMUM	2	.2	.2	.1	.3	.7	.4	.6	.8	.3	.1	.1	.3	15.4	
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS >0.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS ≥0.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
3. SNOWFALL (INCHES)															
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS >0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS ≥1.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)															
RH (06 LST)	1	87	88	86	86	87	90	90	91	90	90	89	89	89	
RH (18 LST)	1	80	78	66	58	57	59	62	59	64	73	80	85	68	
VAPOR PRESS	1	.13	.13	.17	.22	.32	.40	.43	.43	.36	.27	.19	.15	.27	
DEWPOINT	1	21	23	29	36	46	51	54	53	49	40	31	26	38	
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)															
PVLG DRCTN	1	SE	SE	SE	\$WNW	\$SE	\$WNW	\$WNW	\$W	\$WNW	\$SE	W	SE	\$SE	
MEAN SPEED (PVLG DRCTN)	1	11	10	10	10	8	9	9	8	9	9	10	10	9	
MEAN SPEED (ALL OBS)	1	8	8	8	7	7	6	6	5	6	7	8	8	7	
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PRESSURE ALT	1	1900	2050	2200	2200	2250	2200	2100	2050	1800	1900	1900	2150	2250	
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)															
CLD COVER	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
DAYS TSTMS	1	0	0	0	1	5	9	7	5	2	0	0	0	29	
DAYS FOG <7	1	23	23	24	21	20	22	23	25	25	24	23	23	276	
DAYS BNBD <7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - JUN 84
 2. NATIONAL INTELLIGENCE SURVEY (5 YEARS DATA)
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	75	80	63	51	46	55	54	56	59	67	72	74	63
03-05 LST	78	83	70	60	59	66	67	64	69	69	74	77	70
06-08 LST	78	84	72	67	67	71	78	78	75	75	76	78	75
09-11 LST	79	85	80	68	56	60	67	72	79	76	79	76	73
12-14 LST	76	85	68	52	39	42	42	42	53	65	75	76	63
15-17 LST	72	76	56	39	31	33	31	28	38	57	62	74	50
18-20 LST	68	71	52	35	27	25	24	19	32	51	63	72	45
21-23 LST	71	76	59	43	27	27	25	35	50	60	66	74	61
ALL HOURS	75	80	65	52	44	47	49	49	57	65	71	75	61

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	69	76	61	48	43	53	52	55	58	64	65	68	59
03-05 LST	72	79	67	56	56	64	66	63	67	66	69	73	67
06-08 LST	73	82	68	65	64	70	78	78	75	71	70	72	72
09-11 LST	74	82	77	65	55	57	66	70	76	73	72	70	70
12-14 LST	72	80	64	45	30	34	31	34	47	59	68	70	53
15-17 LST	67	69	50	29	21	22	19	17	21	44	55	66	41
18-20 LST	62	67	46	27	17	20	18	14	26	43	55	65	37
21-23 LST	66	74	55	38	25	24	21	33	49	54	57	65	47
ALL HOURS	69	76	61	47	39	43	44	46	54	59	64	69	56

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	42	49	34	21	20	23	22	23	31	38	40	41	32
03-05 LST	45	56	42	29	27	36	33	33	36	41	44	46	39
06-08 LST	46	62	44	33	33	43	43	48	45	46	44	47	45
09-11 LST	50	55	46	36	24	23	28	34	42	46	42	47	39
12-14 LST	47	56	32	19	13	13	11	11	20	33	40	45	28
15-17 LST	35	40	22	11	6	9	4	6	12	19	28	37	19
18-20 LST	36	34	19	9	5	7	5	4	9	19	31	39	18
21-23 LST	39	47	27	13	12	10	7	9	21	29	33	40	24
ALL HOURS	43	50	33	21	18	21	19	21	27	34	38	43	31

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	4	1	2	1	1	1	2	4	5	4	3
03-05 LST	6	8	5	3	4	3	2	4	4	7	7	4	5
06-08 LST	5	8	6	5	5	5	5	10	9	11	8	5	7
09-11 LST	7	11	5	4	3	1	2	3	6	11	9	6	6
12-14 LST	4	6	3	1	1	#	#	#	2	3	4	5	2
15-17 LST	2	4	3	0	1	1	#	0	#	1	1	2	1
18-20 LST	3	3	3	0	1	#	0	1	#	1	2	4	2
21-23 LST	3	3	1	1	1	1	1	1	1	1	2	4	2
ALL HOURS	4	6	4	2	2	2	1	3	3	5	5	4	4

ECR-DS-17

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: LVOV, USSR
LOCATION: 49°49'N, 23°57'E
PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 333930
ELEVATION (FEET): 1066
PERIOD: 7301-8412

ICAO ID: UKLL
LST = GMT +3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	2	3	1	1	0	0	0	1
03-05 LST	0	0	0	0	1	1	1	0	0	0	0	0	#
06-08 LST	0	0	0	0	1	1	1	0	#	0	0	0	#
09-11 LST	0	0	0	0	#	#	0	1	0	0	0	0	#
12-14 LST	0	0	0	0	1	0	#	#	0	0	0	0	#
15-17 LST	0	0	0	#	1	3	4	3	0	0	0	0	1
18-20 LST	0	0	0	1	4	5	6	1	1	0	0	0	2
21-23 LST	0	0	0	0	3	4	2	2	2	0	0	0	1
ALL HOURS	0	0	0	#	1	2	2	1	1	0	0	0	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	6	9	15	13	13	11	8	12	16	12	11	11
03-05 LST	6	6	8	15	11	12	10	6	12	12	11	10	10
06-08 LST	6	7	8	15	13	13	10	7	13	12	10	10	11
09-11 LST	7	8	10	17	15	16	11	11	11	16	14	14	13
12-14 LST	7	10	11	14	14	14	11	11	14	15	14	13	12
15-17 LST	5	7	10	15	12	17	12	11	11	15	14	15	12
18-20 LST	7	8	8	18	13	16	13	7	10	15	12	11	12
21-23 LST	8	7	9	16	13	11	12	7	13	15	13	13	11
ALL HOURS	7	7	9	16	13	14	11	8	12	14	12	13	12

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	20	12	3	#	0	0	0	0	1	12	20	6
03-05 LST	23	21	12	4	1	0	0	0	0	2	9	21	8
06-08 LST	26	23	15	5	0	0	0	0	0	2	10	22	9
09-11 LST	25	19	16	5	1	0	0	0	0	1	12	22	8
12-14 LST	27	26	12	5	#	0	0	0	0	1	13	22	9
15-17 LST	20	15	11	4	0	0	0	0	0	2	12	20	7
18-20 LST	18	14	13	4	#	0	0	0	0	3	10	17	7
21-23 LST	21	16	11	4	1	0	0	0	0	1	11	18	7
ALL HOURS	23	19	13	4	#	0	0	0	0	2	11	20	8

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	1	#	#	0	0	0	1	1	1	1
03-05 LST	1	1	1	1	0	0	0	#	1	0	1	1	1
06-08 LST	1	0	1	#	1	#	0	#	1	0	1	#	1
09-11 LST	1	1	#	#	0	#	0	0	1	0	1	#	#
12-14 LST	1	#	1	1	#	#	#	#	#	1	1	#	1
15-17 LST	1	#	1	1	#	#	0	#	#	0	1	#	#
18-20 LST	#	0	1	1	0	0	#	0	0	0	0	#	#
21-23 LST	1	1	1	0	#	0	0	0	0	1	1	#	1
ALL HOURS	1	#	1	1	#	#	#	#	#	#	1	1	1

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 ϕ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - JUN 84
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	47	34	19	19	22	20	22	31	38	38	40	31
03-05 LST	43	54	40	28	25	35	31	32	35	40	43	45	38
06-08 LST	45	60	43	33	33	42	42	48	44	45	42	45	44
09-11 LST	49	53	44	35	23	20	24	34	38	44	40	44	37
12-14 LST	46	54	31	19	11	11	10	11	19	32	39	44	27
15-17 LST	33	38	21	10	5	7	4	5	12	18	27	35	18
18-20 LST	34	34	18	7	4	5	4	3	8	19	31	38	17
21-23 LST	37	45	25	12	11	8	7	8	20	28	32	38	23
ALL HOURS	41	48	32	20	16	19	18	20	26	33	37	41	29

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	28	19	8	7	10	8	9	16	20	26	26	17
03-05 LST	25	31	21	14	10	15	13	14	23	26	25	27	20
06-08 LST	27	36	25	20	22	26	26	26	29	30	27	29	27
09-11 LST	32	43	33	24	12	14	11	21	27	35	27	30	26
12-14 LST	34	43	22	13	5	5	3	5	11	20	28	29	18
15-17 LST	20	22	13	5	3	3	1	3	6	10	19	23	11
18-20 LST	21	21	12	5	3	3	2	2	6	14	21	24	11
21-23 LST	20	23	13	6	5	5	3	4	9	14	21	24	12
ALL HOURS	25	31	20	12	8	10	8	11	16	21	24	27	18

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	10	8	3	3	3	2	3	5	9	10	10	6
03-05 LST	12	13	10	6	7	7	5	5	7	14	14	11	9
06-08 LST	12	17	11	8	9	10	9	13	14	18	14	12	12
09-11 LST	14	23	15	9	5	3	3	7	11	17	14	14	11
12-14 LST	15	17	9	3	2	1	1	2	3	7	13	9	7
15-17 LST	7	8	3	1	1	1	#	1	1	2	7	8	3
18-20 LST	8	9	6	1	1	1	0	1	1	4	8	8	4
21-23 LST	8	8	5	2	2	1	1	1	2	5	10	11	5
ALL HOURS	11	13	8	4	4	3	3	4	6	10	11	10	7

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	#	1	1	#	1	2	2	3	2	1
03-05 LST	4	2	2	2	3	2	1	3	3	4	6	2	3
06-08 LST	3	4	3	2	4	4	2	6	6	7	5	3	4
09-11 LST	4	6	3	3	2	#	1	1	4	9	6	3	4
12-14 LST	3	2	1	1	1	#	0	0	1	1	2	3	1
15-17 LST	1	1	2	0	#	#	0	0	0	1	#	1	1
18-20 LST	1	1	1	0	0	0	0	1	0	#	1	1	1
21-23 LST	1	1	1	#	1	0	1	1	1	#	2	1	1
ALL HOURS	2	2	2	1	2	1	1	2	2	3	3	2	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MINSK, USSR
 LOCATION: 53°52'N, 27°34'E
 PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 268500
 ELEVATION (FEET): 767
 PERIOD: VARIED

ICAO ID: UMMM
 LST = GMT +3

	SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)															
EXTREME MAX	2	40	42	66	75	87	90	92	91	83	74	55	50	92	
MEAN DLY MAX	2	22	25	33	47	62	68	70	68	59	47	34	26	47	
MEAN	2	18	20	28	40	54	60	62	60	52	42	31	22	41	
MEAN DLY MIN	2	13	15	22	33	46	51	54	52	44	36	27	18	34	
EXTREME MIN	2	-27	-18	-25	11	28	32	43	37	27	18	-4	-22	-27	
# DAYS > 90	2	0	0	0	0	0	#	#	#	0	0	0	0	#	
# DAYS \leq 32	2	29	27	24	11	#	#	0	0	#	8	17	27	142	
# DAYS \leq 0	2	3	2	#	0	0	0	0	0	0	0	#	2	7	
2. PRECIPITATION (INCHES)															
MAXIMUM	2	4.0	2.8	3.4	4.3	4.7	8.7	8.1	6.2	5.1	4.3	5.5	3.7	35.3	
MEAN	2	1.5	1.5	1.5	1.7	2.3	3.0	3.3	3.2	2.2	1.7	1.9	1.6	25.4	
MINIMUM	2	.2	.6	.2	.4	.5	.7	.5	.7	.2	.1	.2	.3	14.5	
MAX 24 HR	2	.8	.9	.7	1.3	2.4	2.4	2.2	2.4	1.6	1.2	1.7	1.0	2.4	
# DAYS >0.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS \geq 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
3. SNOWFALL (INCHES)															
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS >0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS \geq 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)															
RH (09 LST)	1	87	88	86	77	71	72	77	80	86	89	90	90	83	
RH (15 LST)	1	81	76	67	54	50	55	58	55	60	71	81	85	66	
VAPOR PRESS	1	.11	.10	.14	.19	.29	.36	.42	.40	.32	.23	.17	.13	.24	
DEWPOINT	1	17	18	24	32	42	49	53	52	45	37	30	23	35	
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)															
PVLG DRCTN	1	S	W	S	W	E	W	W	W	W	W	W	S	W	
MEAN SPEED (PVLG DRCTN)	1	7	6	6	6	6	5	5	5	5	5	7	7	6	
MEAN SPEED (ALL OBS)	1	6	6	6	6	5	5	5	4	5	6	7	7	6	
MAX (PK GST)	2	27	39	35	39	29	29	23	27	27	31	31	27	39	
PRESSURE ALT	1	1850	1600	1500	1450	1250	1400	1400	1300	1300	1350	1600	1750	1850	
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)															
CLD COVER	1	6	6	5	5	5	5	5	5	5	6	7	7	6	
DAYS TSTMS	2	0	#	#	1	4	7	7	6	2	#	0	#	27	
DAYS FOG <7	1	21	21	22	16	12	10	14	16	19	21	22	22	215	
DAYS BNBD <7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS
 APPLICABLE \$ = % CALM > PVLG DRCTN
 ¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84
 2. NATIONAL INTELLIGENCE SURVEY, POR 10-68 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	73	65	53	37	30	29	34	25	41	58	76	82	50
03-05 LST	76	69	57	43	26	27	29	27	43	61	73	82	51
06-08 LST	76	72	57	43	29	31	34	25	50	64	80	84	54
09-11 LST	78	78	75	51	33	33	43	42	57	67	80	86	59
12-14 LST	83	77	70	48	34	35	39	35	57	76	85	89	60
15-17 LST	79	69	60	46	41	46	50	38	51	66	83	82	59
18-20 LST	70	61	50	53	50	53	58	44	43	60	75	79	58
21-23 LST	71	62	46	41	37	40	40	33	34	50	77	79	51
ALL HOURS	76	69	57	45	35	37	41	35	47	63	79	83	55

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	62	55	44	25	10	11	13	10	28	44	59	69	36
03-05 LST	68	59	50	31	14	16	17	15	32	47	59	70	40
06-08 LST	65	63	51	33	19	21	22	22	38	51	65	73	43
09-11 LST	68	68	58	39	25	25	32	31	48	56	67	76	49
12-14 LST	74	71	64	40	22	23	28	31	49	68	73	81	52
15-17 LST	71	65	49	23	14	14	13	12	27	48	69	74	40
18-20 LST	61	52	37	19	12	10	13	8	15	38	56	67	32
21-23 LST	62	51	32	15	10	10	11	8	16	36	58	67	31
ALL HOURS	66	60	48	28	16	16	19	17	32	49	63	72	40

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	40	37	30	13	4	3	4	3	11	24	41	51	22
03-05 LST	42	40	30	14	6	5	7	7	18	30	42	52	24
06-08 LST	45	41	34	17	9	11	10	11	22	31	47	54	28
09-11 LST	50	47	41	23	16	13	18	17	31	39	48	58	33
12-14 LST	56	56	46	26	12	10	11	14	33	43	55	60	35
15-17 LST	48	47	33	11	4	4	4	4	11	29	48	56	25
18-20 LST	37	35	22	5	4	4	4	2	7	19	35	47	18
21-23 LST	40	31	20	8	4	4	3	2	8	17	37	47	18
ALL HOURS	45	42	32	15	7	7	7	8	18	29	44	53	25

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	6	5	1	#	#	#	0	#	2	9	6	3
03-05 LST	3	5	5	1	1	0	#	1	1	4	7	7	3
06-08 LST	4	5	8	2	1	2	1	1	2	4	9	6	4
09-11 LST	6	5	8	4	4	1	2	3	5	6	7	7	5
12-14 LST	5	7	12	3	#	#	1	2	4	8	9	5	5
15-17 LST	4	5	4	1	#	#	0	0	0	3	7	8	3
18-20 LST	3	2	3	0	0	0	1	0	0	2	4	7	2
21-23 LST	3	3	4	0	#	#	#	0	#	2	5	7	2
ALL HOURS	4	5	6	2	1	#	1	1	1	4	7	7	3

ECR-MNF-8

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: MINSK, USSR
 LOCATION: 53°52'N, 27°34'E
 PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 268500
 ELEVATION (FEET): 767
 PERIOD: VARIED

ICAO ID: UMMM
 LST = GMT +3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	2	3	1	0	0	0	0	1
03-05 LST	0	0	0	0	0	0	2	1	0	0	0	0	#
06-08 LST	0	#	#	0	1	0	1	#	0	0	0	0	#
09-11 LST	0	0	0	0	#	1	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	#	#	0	1	#	#	0	0	#
15-17 LST	0	0	0	#	4	3	5	1	0	0	0	#	1
18-20 LST	0	0	0	0	3	4	5	3	#	0	0	0	1
21-23 LST	0	0	0	1	2	3	4	1	1	0	0	0	1
ALL HOURS	0	#	#	#	1	2	2	1	#	#	0	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	5	9	16	12	14	15	6	11	19	20	14	12
03-05 LST	7	7	10	11	11	13	10	8	12	17	19	14	12
06-08 LST	6	5	10	12	10	10	13	9	11	16	18	15	11
09-11 LST	8	5	10	18	12	17	12	11	13	19	17	15	13
12-14 LST	6	8	11	15	13	15	16	9	12	19	20	15	13
15-17 LST	8	6	10	14	18	18	20	12	13	16	22	15	14
18-20 LST	8	8	10	16	12	17	17	13	21	23	15	15	15
21-23 LST	7	6	11	15	11	14	11	13	12	19	24	14	15
ALL HOURS	7	6	10	15	12	15	14	11	12	18	21	15	15

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	20	13	3	0	0	0	0	0	2	13	30	9
03-05 LST	30	20	14	3	#	0	0	0	0	2	13	31	9
06-08 LST	29	21	15	5	#	0	0	0	0	3	16	36	10
09-11 LST	36	30	24	7	1	0	0	0	0	4	17	33	13
12-14 LST	43	37	21	6	1	0	0	0	0	3	22	42	15
15-17 LST	34	27	18	6	1	0	0	0	0	4	16	32	11
18-20 LST	25	27	15	7	1	0	0	0	0	3	14	22	9
21-23 LST	23	19	12	3	#	0	0	0	0	3	16	26	8
ALL HOURS	31	25	17	5	1	0	0	0	0	3	16	31	11

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	#	#	0	0	0	0	0	0	0	#
03-05 LST	0	0	0	#	#	#	0	0	0	0	0	0	#
06-08 LST	0	0	0	0	0	0	0	#	#	#	0	0	#
09-11 LST	0	0	0	0	0	#	0	0	#	#	#	#	#
12-14 LST	0	0	0	0	0	0	0	#	0	0	0	#	#
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	#
18-20 LST	#	0	#	0	#	0	0	0	0	0	0	0	#
21-23 LST	#	#	0	0	#	0	0	0	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	0	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	34	28	12	4	2	4	3	11	23	37	44	20
03-05 LST	39	37	28	13	5	5	7	6	16	27	38	47	22
06-08 LST	40	36	31	15	7	10	9	9	21	29	41	49	24
09-11 LST	45	43	38	21	14	12	16	14	29	35	43	51	30
12-14 LST	52	52	45	24	11	9	8	13	31	39	52	55	32
15-17 LST	46	45	31	10	3	4	3	3	10	26	45	52	23
18-20 LST	34	32	21	5	3	3	4	1	6	17	33	44	17
21-23 LST	36	29	19	7	2	3	2	2	7	17	35	42	17
ALL HOURS	41	38	30	14	6	6	7	7	16	27	41	48	23

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	20	16	6	1	1	1	1	6	10	25	30	11
03-05 LST	24	23	17	7	2	3	1	2	5	15	25	32	13
06-08 LST	23	27	19	9	4	5	3	5	10	15	26	31	15
09-11 LST	27	27	22	14	10	6	7	8	15	22	27	31	18
12-14 LST	27	32	31	13	4	3	3	5	18	25	33	33	19
15-17 LST	29	28	19	6	1	1	1	1	4	16	27	33	14
18-20 LST	20	17	13	2	1	1	1	1	2	8	19	28	9
21-23 LST	20	20	14	2	1	2	1	1	3	8	24	28	10
ALL HOURS	24	24	19	7	3	3	2	3	8	15	26	31	14

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	13	9	3	1	1	#	0	2	6	15	20	7
03-05 LST	9	13	11	4	1	1	1	1	1	8	15	17	7
06-08 LST	12	16	14	5	2	3	1	4	4	9	16	16	8
09-11 LST	13	14	15	9	6	3	4	5	8	13	17	18	10
12-14 LST	12	20	21	8	2	1	1	4	11	16	16	18	11
15-17 LST	15	15	14	3	1	#	0	0	#	7	16	20	8
18-20 LST	10	9	9	#	0	0	1	#	1	3	10	17	5
21-23 LST	11	10	9	1	1	1	1	#	2	4	13	19	6
ALL HOURS	12	13	13	4	2	1	1	2	4	8	15	18	8

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	3	0	0	0	0	0	0	1	5	3	1
03-05 LST	2	2	2	1	0	0	#	0	#	2	3	4	1
06-08 LST	2	2	4	1	0	1	0	1	1	2	5	2	2
09-11 LST	3	2	4	2	3	1	1	2	3	3	4	3	3
12-14 LST	2	3	7	2	0	#	1	1	3	5	4	1	2
15-17 LST	2	2	2	#	#	#	0	0	0	1	2	3	1
18-20 LST	#	1	1	0	0	0	0	0	0	1	2	4	1
21-23 LST	1	1	2	0	0	0	0	0	0	1	3	3	1
ALL HOURS	2	2	3	1	#	#	#	1	1	2	4	3	2

ECR-MNF-8a

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NOVOSIBIRSK, USSR
 LOCATION: 55°05'N, 83°01'E
 PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 296340
 ELEVATION (FEET): 531
 PERIOD: VARIED

ICAO ID: UNNN
 LST = GMT +7

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	43	45	61	82	100	104	100	95	91	81	52	45	104
MEAN DLY MAX	2	6	10	22	41	62	73	76	72	61	44	42	10	42
MEAN	2	-3	1	11	33	51	62	66	62	51	36	25	2	62
MEAN DLY MIN	2	-11	-8	0	24	39	50	56	51	41	28	8	-7	23
EXTREME MIN	2	-58	-53	-42	-27	1	28	32	28	16	-20	-51	-54	-58
# DAYS > 90	2	0	0	0	0	#	#	#	#	#	0	0	0	#
# DAYS < 32	2	31	27	30	21	#	#	#	#	#	19	25	30	149
# DAYS ≤ 0	2	18	15	7	1	0	0	0	0	0	#	5	12	58
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.6	.5	.5	.9	1.3	2.4	2.9	2.4	1.8	1.4	1.2	.9	16.8
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	.6	.6	.6	.9	1.3	3.7	2.2	1.8	1.7	.9	1.2	.6	3.7
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (07 LST)	2	83	82	84	79	75	78	87	91	87	85	85	83	83
RH (16 LST)	2	78	73	66	52	44	47	52	54	55	67	78	79	62
VAPOR PRESS	2	.05	.05	.08	.14	.20	.36	.44	.38	.26	.16	.10	.06	.19
DEWPOINT	2	-2	-2	11	23	34	49	54	50	41	27	15	4	25
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	SSW	SSW	SSW	SW	S	NE	NE	N	SW	SW	SW	S	SW
MEAN SPEED														
(PVLG DRCTN)	1	11	11	11	10	10	8	8	7	9	11	12	12	11
MEAN SPEED														
(ALL OBS)	1	9	9	9	9	8	7	6	7	7	9	11	10	9
MAX (PK GST)	2	31	39	35	39	33	31	25	35	27	39	39	39	39
PRESSURE ALT	2	950	850	850	1100	1150	1150	1200	1150	1000	1050	1100	1200	
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	2	6	5	5	5	5	4	5	5	5	6	6	6	5
DAYS TSTMS	2	0	0	0	#	4	8	10	6	1	#	0	0	29
DAYS FOG < 7	1	6	6	9	5	3	3	5	7	8	8	7	7	73
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 ☿ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84
 2. NATIONAL INTELLIGENCE SURVEY, POR 10-38 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	48	35	29	18	12	6	5	7	12	32	51	46	25
03-05 LST	49	35	33	19	13	7	10	12	15	37	53	48	27
06-08 LST	55	42	39	24	18	11	14	20	27	38	53	52	33
09-11 LST	67	61	50	26	17	13	11	18	28	43	58	62	40
12-14 LST	58	49	39	19	14	9	12	16	17	38	54	49	31
15-17 LST	48	32	26	15	12	6	6	9	15	33	48	44	24
18-20 LST	52	38	24	16	8	7	5	6	11	37	48	47	25
21-23 LST	51	35	25	19	8	6	4	5	11	30	50	50	24
ALL HOURS	53	40	32	19	12	8	8	11	17	36	52	50	28

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	45	30	21	12	7	4	3	6	6	20	38	40	19
03-05 LST	46	33	28	15	9	5	9	9	12	26	40	39	22
06-08 LST	52	39	34	18	13	9	11	17	22	29	44	42	27
09-11 LST	63	61	49	23	10	8	6	15	24	37	52	56	36
12-14 LST	54	47	31	13	6	4	4	7	9	24	45	44	24
15-17 LST	45	30	19	9	6	2	2	4	7	18	36	39	18
18-20 LST	49	36	16	10	4	3	1	2	4	23	36	39	18
21-23 LST	46	31	20	13	3	2	3	3	6	19	40	44	19
ALL HOURS	50	38	26	14	7	4	5	8	11	24	41	43	23

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	17	11	8	3	3	2	2	3	14	23	22	11
03-05 LST	29	18	14	10	5	4	5	8	6	16	25	23	14
06-08 LST	36	24	21	12	7	6	9	15	16	20	31	28	19
09-11 LST	51	49	35	18	3	6	4	13	14	27	40	42	27
12-14 LST	41	34	15	6	4	1	2	5	4	16	32	32	16
15-17 LST	32	19	11	6	3	1	1	2	3	11	24	26	12
18-20 LST	33	25	12	6	2	1	#	1	3	16	24	21	12
21-23 LST	25	18	11	9	1	2	1	1	3	11	22	21	11
ALL HOURS	34	25	15	9	4	3	3	6	6	16	27	27	15

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	0	#	1	1	#	#	1	1	#	1
03-05 LST	#	0	1	1	1	1	1	1	1	2	1	1	1
06-08 LST	1	#	2	1	1	1	1	4	4	1	2	1	2
09-11 LST	4	6	1	1	0	1	#	3	3	5	3	2	3
12-14 LST	4	2	#	#	0	0	1	#	#	1	2	2	1
15-17 LST	3	1	#	#	#	#	#	0	0	1	1	2	1
18-20 LST	2	1	#	1	1	0	#	1	#	1	#	#	1
21-23 LST	0	#	0	1	0	#	#	0	1	1	1	1	#
ALL HOURS	2	1	1	1	#	1	1	1	1	2	1	1	1

ECR-MNF-6

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: NOVOSIBIRSK, USSR
LOCATION: 55°05'N, 83°01'E
PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 296340
ELEVATION (FEET): 531
PERIOD: VARIED

ICAO ID: UNNN
LST = GMT +7

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	1	2	2	1	0	#	0	0	1
03-05 LST	0	0	0	0	0	2	1	1	0	0	0	0	#
06-08 LST	0	0	0	0	0	1	1	1	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	1	0	0	#	0	0	#
12-14 LST	0	0	0	0	0	1	3	1	0	0	0	0	#
15-17 LST	0	0	0	1	1	1	4	3	0	0	0	0	1
18-20 LST	0	0	0	1	1	4	6	2	#	0	0	0	1
21-23 LST	0	0	0	#	#	3	3	1	0	0	0	0	1
ALL HOURS	0	0	0	#	#	2	3	1	#	#	0	0	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	2	5	9	7	6	4	9	6	#	0	4
03-05 LST	0	1	1	2	6	6	6	5	8	7	0	1	4
06-08 LST	1	0	1	4	7	8	6	8	7	6	#	1	4
09-11 LST	1	#	1	3	10	6	7	7	9	7	0	1	4
12-14 LST	1	#	1	3	10	10	6	9	7	8	0	0	5
15-17 LST	1	0	1	2	14	9	7	9	15	8	0	0	5
18-20 LST	0	0	1	8	12	9	8	8	10	7	0	#	5
21-23 LST	0	0	#	6	7	7	5	8	6	6	0	1	4
ALL HOURS	#	#	1	4	9	8	6	7	9	7	#	#	4

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	27	23	9	2	0	0	0	1	15	34	32	12
03-05 LST	34	30	28	11	2	0	0	0	1	16	35	37	14
06-08 LST	39	33	27	10	2	#	0	#	2	17	36	37	17
09-11 LST	35	30	24	11	3	0	0	0	1	18	35	31	16
12-14 LST	27	23	21	7	4	0	0	0	1	16	37	29	14
15-17 LST	28	22	19	8	1	0	0	0	1	18	33	28	13
18-20 LST	29	20	20	6	1	0	0	0	2	15	32	27	13
21-23 LST	36	27	22	11	1	0	0	0	1	16	34	30	15
ALL HOURS	32	26	23	9	2	#	0	#	1	16	35	31	15

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	1	0	1	1	0	0	1	3	2	2	1
03-05 LST	4	#	#	0	#	0	#	0	0	1	3	2	1
06-08 LST	2	1	1	1	#	0	0	0	0	1	2	3	1
09-11 LST	1	2	1	0	0	#	0	1	#	1	3	1	1
12-14 LST	2	2	1	1	2	0	0	1	1	1	2	1	1
15-17 LST	2	2	1	1	2	#	#	1	#	3	2	2	1
18-20 LST	2	1	1	1	1	#	#	0	1	1	1	2	1
21-23 LST	3	1	#	0	1	1	0	0	1	1	2	2	1
ALL HOURS	2	2	1	#	1	#	#	#	#	1	2	2	1

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	16	9	7	3	3	2	2	5	11	20	19	10
03-05 LST	27	16	12	10	5	4	5	7	2	14	22	20	12
06-08 LST	32	23	19	11	6	6	8	14	16	17	27	25	17
09-11 LST	48	48	35	16	3	6	4	12	12	25	37	39	25
12-14 LST	39	33	13	6	3	1	2	4	4	15	28	31	15
15-17 LST	31	19	10	4	3	1	1	2	1	9	22	25	11
18-20 LST	32	24	11	5	1	1	#	1	2	12	22	21	11
21-23 LST	24	17	11	8	1	2	1	1	3	10	19	19	10
ALL HOURS	32	24	14	8	3	3	3	5	5	14	25	25	13

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	5	5	4	2	1	1	#	2	6	11	10	5
03-05 LST	14	9	6	5	3	2	2	3	3	8	9	10	6
06-08 LST	17	10	7	5	2	2	5	10	11	8	12	12	8
09-11 LST	31	32	20	6	#	3	2	5	8	16	24	23	15
12-14 LST	26	20	5	4	1	#	1	1	2	7	13	19	8
15-17 LST	19	10	5	3	1	1	#	1	#	5	11	12	6
18-20 LST	15	15	6	3	1	1	#	1	#	7	11	8	6
21-23 LST	12	7	3	3	#	#	1	#	2	4	9	8	4
ALL HOURS	18	13	7	4	1	1	1	3	3	8	12	13	7

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	3	2	2	#	1	1	#	#	3	5	5	2
03-05 LST	7	3	3	3	2	2	1	3	2	4	5	6	3
06-08 LST	8	7	4	3	2	2	4	6	6	4	6	6	5
09-11 LST	16	20	11	2	0	1	#	3	6	11	13	13	9
12-14 LST	17	13	2	2	#	0	1	#	1	4	6	11	5
15-17 LST	12	6	3	2	1	#	#	1	0	3	4	8	3
18-20 LST	9	8	2	2	1	0	#	1	#	5	2	4	3
21-23 LST	7	3	1	1	#	#	1	#	1	2	5	3	2
ALL HOURS	10	7	3	2	1	1	1	2	2	4	6	7	4

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	#	1	1	#	#	1	0	0	#
03-05 LST	0	0	#	#	0	0	1	1	1	1	#	#	#
06-08 LST	#	#	1	#	1	1	1	2	3	1	1	#	1
09-11 LST	#	0	#	1	0	1	0	2	3	3	#	0	1
12-14 LST	0	0	0	0	0	0	#	0	0	1	#	#	#
15-17 LST	1	0	0	0	#	#	0	0	0	#	#	1	#
18-20 LST	#	0	#	1	#	0	#	0	0	1	0	0	#
21-23 LST	0	0	0	0	0	#	0	0	0	1	0	1	#
ALL HOURS	#	#	#	#	#	#	#	#	1	1	#	#	#

ECR-MNF-6a

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YEMTSA-IN-ARKHANGEL, USSR
LOCATION: 63°04'N, 40°22'E
PREPARED BY USAFETAC/ECR JUN 1986

STATION #: 226570
ELEVATION (FEET): 348
PERIOD: VARIED

ICAO ID:
LST = GMT +4

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	39	36	50	68	90	86	88	88	74	64	47	38	90
MEAN DLY MAX	1	12	16	28	39	54	63	59	62	52	36	27	18	40
MEAN	1	6	10	22	32	46	55	61	54	45	33	23	13	33
MEAN DLY MIN	1	0	4	15	24	35	45	50	46	39	28	19	7	26
EXTREME MIN	1	-42	-36	-32	-5	19	28	32	25	20	-1	-22	-46	-46
# DAYS > 90	1	0	0	0	0	#	0	0	0	0	0	0	0	#
# DAYS > 32	1	31	28	30	24	14	2	#	1	8	21	28	31	218
# DAYS > 0	1	15	11	4	1	0	0	0	0	0	#	2	10	43
2. PRECIPITATION														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.9	1.4	1.5	1.5	2.0	2.8	2.8	3.1	3.0	2.8	2.2	2.2	27.2
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS	1	29	24	24	19	18	19	17	22	22	26	28	29	277
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS	1	28	24	22	12	5	1	#	0	2	16	25	28	164
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (04 LST)	1	82	84	85	81	82	84	89	93	93	91	89	87	87
RH (16 LST)	1	83	80	69	55	49	53	55	63	69	82	87	86	69
VAPOR PRESS	1	.07	.07	.10	.13	.20	.29	.38	.35	.27	.18	.13	.09	.19
DEWPOINT	1	17	16	20	23	33	42	50	48	40	30	24	20	32
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	SSW	SW	SSW	SSW	N	N	\$N	\$S	S	SSW	SSW	SSW	SSW
MEAN SPEED														
(PVLG DRCTN)	1	9	7	7	7	7	7	6	6	6	7	8	9	7
MEAN SPEED														
(ALL OBS)	1	6	6	6	6	6	6	5	5	5	6	7	7	6
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	1750	1500	1800	2000	1400	1500	1350	1250	1700	1550	1550	1900	2000
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	6	5	5	5	5	6	6	7	7	6	6
DAYS TSTMS	1	0	0	0	0	2	4	5	3	0	0	0	0	4
DAYS FOG < 7	1	7	8	10	8	5	5	9	12	12	12	9	7	104
DAYS BNBD < 7	1	0	#	#	0	#	#	#	#	0	#	#	0	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 ¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85, THREE HOURLY
 2. MANUAL ON CLIMATE OF THE USSR, POR: 1936-1965
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	40	41	35	21	25	27	25	26	30	58	64	51	37
03-05 LST	41	42	36	28	29	27	23	35	40	56	64	52	39
06-08 LST	44	45	41	31	27	31	24	41	51	64	64	53	43
09-11 LST	55	46	36	33	30	33	25	41	50	68	71	63	46
12-14 LST	39	31	37	35	35	36	33	47	51	65	65	51	44
15-17 LST	38	28	39	33	35	40	36	41	46	66	63	55	43
18-20 LST	39	33	34	25	31	27	28	31	40	64	65	57	40
21-23 LST	42	35	35	24	26	25	19	29	36	58	64	53	37
ALL HOURS	42	37	37	29	30	31	27	36	43	62	65	54	41

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	31	28	14	19	19	22	20	23	44	47	42	28
03-05 LST	32	34	27	20	23	21	20	30	32	46	50	43	31
06-08 LST	35	36	33	25	21	24	21	35	47	54	54	45	36
09-11 LST	51	43	32	26	23	23	20	34	42	59	65	58	40
12-14 LST	35	27	31	26	25	25	24	35	37	54	57	47	35
15-17 LST	33	23	30	27	26	32	28	30	34	54	54	49	35
18-20 LST	32	29	30	19	23	23	23	24	32	52	52	46	32
21-23 LST	35	28	25	20	18	19	15	24	24	44	49	44	29
ALL HOURS	36	31	30	22	22	23	22	29	34	51	54	47	33

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	16	14	8	7	7	9	10	9	23	24	19	13
03-05 LST	14	17	14	10	11	8	11	15	16	22	25	21	15
06-08 LST	15	17	15	12	9	9	10	20	25	27	26	20	17
09-11 LST	22	24	19	15	8	8	8	17	24	40	33	24	20
12-14 LST	20	13	14	12	7	6	7	9	13	28	27	27	15
15-17 LST	21	12	13	11	6	7	7	7	9	26	31	29	15
18-20 LST	16	13	12	8	4	6	8	8	12	26	26	23	14
21-23 LST	15	15	12	9	5	6	5	9	9	21	28	19	13
ALL HOURS	17	16	14	11	7	7	8	12	15	27	28	23	15

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	#	1	1	2	1	1	2	2	1	1
03-05 LST	#	1	1	2	2	1	2	5	3	2	1	1	2
06-08 LST	1	1	3	3	1	1	2	7	7	4	2	1	3
09-11 LST	2	1	2	1	0	0	0	2	3	3	1	2	1
12-14 LST	2	#	#	1	0	0	#	#	1	3	1	2	1
15-17 LST	1	1	1	2	0	0	1	1	#	2	2	1	1
18-20 LST	1	1	#	1	1	#	#	0	1	2	1	#	1
21-23 LST	2	1	1	2	0	0	#	1	1	3	2	2	1
ALL HOURS	1	1	1	2	1	#	1	2	2	3	1	1	1

ECR-JWL-13

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: YEMTSA-IN-ARKHANGEL, USSR
 LOCATION: 63°04'N, 40°22'E
 PREPARED BY USAFETAC/ECR JUN 1986

STATION #: 226570
 ELEVATION (FEET): 348
 PERIOD: JAN 73 - DEC 85

ICAO ID:
 LST = GMT +4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	#	0	0	0	0	0	#
03-05 LST	0	0	0	0	#	1	#	0	0	0	0	0	#
06-08 LST	0	0	0	0	0	0	#	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	1	0	0	0	0	0	#
12-14 LST	0	0	0	0	#	1	#	1	0	0	0	0	#
15-17 LST	0	0	0	0	#	3	4	1	0	0	0	0	1
18-20 LST	0	0	0	0	1	3	4	4	0	0	0	0	1
21-23 LST	0	0	0	0	#	1	2	2	0	0	0	0	#
ALL HOURS	0	0	0	0	#	1	2	1	0	0	0	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	8	11	11	9	12	13	19	9	3	8
03-05 LST	2	1	3	6	8	12	7	12	13	16	10	3	8
06-08 LST	1	2	4	7	10	13	10	14	17	20	11	2	9
09-11 LST	2	1	4	7	12	13	10	16	16	18	11	3	9
12-14 LST	1	#	4	10	12	12	11	16	21	22	8	3	10
15-17 LST	1	1	3	9	12	16	12	18	20	18	10	3	10
18-20 LST	1	1	5	11	12	17	15	17	23	19	11	4	11
21-23 LST	1	1	6	8	13	10	9	16	17	19	11	2	9
ALL HOURS	1	1	4	8	11	13	10	15	18	19	10	3	9

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	49	47	30	12	4	1	0	0	1	19	39	50	21
03-05 LST	47	47	29	15	3	1	0	0	2	20	40	50	21
06-08 LST	48	47	34	16	4	1	#	0	3	21	41	58	23
09-11 LST	47	42	33	16	5	1	0	0	2	21	40	53	22
12-14 LST	50	41	28	15	5	1	0	0	2	17	45	52	21
15-17 LST	41	32	27	13	4	0	0	0	1	20	35	47	18
18-20 LST	48	30	25	10	3	1	0	0	2	16	39	52	19
21-23 LST	52	40	30	10	3	#	#	0	1	20	39	53	21
ALL HOURS	48	41	29	13	4	1	#	0	2	19	40	52	21

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	#	#	0	#	0	0	0	0	0	1	#
03-05 LST	1	1	0	#	1	0	0	0	0	#	0	1	#
06-08 LST	1	0	1	0	0	0	0	0	0	0	#	1	#
09-11 LST	0	#	0	0	0	0	0	#	0	0	#	1	#
12-14 LST	#	0	1	#	0	0	0	0	0	0	#	0	#
15-17 LST	#	#	0	0	0	0	#	0	#	0	0	0	#
18-20 LST	#	1	0	#	#	#	#	0	0	0	0	0	#
21-23 LST	#	1	0	1	#	1	0	0	0	1	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 ☐ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85, THREE HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	10	11	4	5	3	7	7	8	18	18	13	9
03-05 LST	9	11	10	8	8	5	9	11	13	17	17	15	11
06-08 LST	11	11	13	11	8	5	8	18	21	21	17	13	13
09-11 LST	16	19	16	11	6	4	6	14	19	31	24	15	15
12-14 LST	16	8	10	9	3	2	3	6	8	22	21	19	11
15-17 LST	14	8	9	7	2	2	4	3	5	19	25	19	10
18-20 LST	11	9	9	6	2	3	4	4	8	19	19	16	9
21-23 LST	11	11	9	7	3	3	4	6	8	16	21	14	9
ALL HOURS	12	11	11	8	5	3	6	9	11	21	20	16	11

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	5	3	3	2	5	3	5	12	9	7	5
03-05 LST	3	5	4	6	5	4	7	8	10	11	8	6	6
06-08 LST	5	5	7	8	5	3	6	16	18	13	9	6	8
09-11 LST	8	10	9	7	4	2	3	10	15	22	18	10	10
12-14 LST	9	3	4	5	1	1	2	3	5	16	15	11	6
15-17 LST	7	4	5	4	1	#	1	2	3	15	16	9	6
18-20 LST	4	4	4	4	1	1	2	2	4	14	10	7	5
21-23 LST	5	6	4	5	2	2	2	3	3	11	12	7	5
ALL HOURS	6	5	5	5	3	2	3	6	8	14	12	8	5

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	3	1	1	2	2	1	2	7	3	3	2
03-05 LST	1	2	2	4	3	2	4	6	5	6	3	4	3
06-08 LST	2	3	4	5	2	1	3	9	11	7	4	3	4
09-11 LST	3	2	4	4	1	0	1	3	6	10	4	5	4
12-14 LST	3	1	1	3	0	#	#	1	1	7	4	5	2
15-17 LST	2	2	2	2	0	0	1	1	1	6	7	3	2
18-20 LST	2	2	2	2	1	1	1	0	1	7	4	2	2
21-23 LST	3	2	1	4	0	1	#	1	1	6	4	3	2
ALL HOURS	2	2	2	3	1	1	1	3	4	7	4	3	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	#	0	1	1	0	0	1	#	0	#
03-05 LST	#	0	1	0	1	1	1	2	1	#	#	0	1
06-08 LST	#	1	2	2	1	1	1	2	4	#	1	1	1
09-11 LST	1	0	1	1	0	0	0	1	2	1	1	1	1
12-14 LST	1	0	0	0	0	0	#	#	#	1	1	1	#
15-17 LST	1	0	0	1	0	0	1	#	0	#	#	1	#
18-20 LST	1	1	#	#	#	#	#	0	#	1	0	#	#
21-23 LST	1	1	1	1	0	0	0	#	#	1	1	#	1
ALL HOURS	1	#	1	1	#	#	#	1	1	1	#	#	1

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